

SEISMOLOGICAL DEPARTMENT
 BOX 2101
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 SWEDEN

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

JANUARY 1 - 31, 1995

1995					1995				
Jan.	1	UPP	iP	00 35 14.8	Jan.	1	UPP	iP	15 43 16.3
				East of Kuril Islands (h = 30 km).			UME	iP	15 42 56.3
									South of Honshu, Japan (h = 130 km).
"	1	UPP	iP	02 42 29.3	"	1	UPP	iP	20 05 49.9
				South of Honshu, Japan. (h = 80 km).					Nepal (h = 60 km).
"	1	UPP	iP	02 50 43.9	"	1	UPP	iPKP	20 58 04.4
		UME	eP	02 50 19			UME	iPKP	20 57 59.9
				Kuril Islands (h = 65 km).					South of Fiji Islands (h = 550 km).
"	1	UPP	iP	07 11 08.7	"	1	UPP	eP	22 17 01
				micr sec					Off east coast of Honshu, Japan
		P	Z'	0.3 1.7					(h = 35 km).
		Mx	Z	39 19	"	1	UPP	iP	23 55 46.6
		KIR	Mx	07 40			UME	eP	23 55 20
				micr sec					Kuril Islands (h = 65 km).
		Mx	Z	19 15	"	2	UPP	iPKP	02 44 52.1
		UME	iP	07 10 46.6				iPKP2	02 44 59.0
				Off east coast of Honshu, Japan					Kermadec Islands, New Zealand
				(h = 15 km).					(h = N).
				m = 6.4, M = 6.5 (UPP,KIR).	"	2	UPP	iP	10 45 06.4
"	1	UPP	iP	08 58 10.8					Kuril Islands (h = 60 km).
				Northern Iran (h = 40 km).	"	2	UPP	iP	12 40 58.6
"	1	UPP	iP	12 41 17.4			UME	eP	12 41 37
			i	12 41 28.0					Greece (h = 10 km).
		UME	iP	12 40 54.1					
				Near east coast of Honshu, Japan					
				(h = 40 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Jan.	2	KIR eP	16 53 04	Jan.	3	UPP iP	22 57 08.6
		Near east coast of Honshu, Japan (h = 50 km).				KIR iP	22 58 17.0
						UME iP	22 57 42.0
"	2	UPP iP	21 09 29.6			Crete (h = N).	
		KIR iP	21 08 48.3	"	4	UPP eP	01 03 29
		UME iP	21 09 05.5			UME eP	01 03 36
		Off east coast of Honshu, Japan (h = 30 km).				Eastern Caucasus (h = N).	
"	2	UPP iP	21 20 10.6	"	4	UPP iP	02 30 01.6
		KIR iP	21 19 29.8			KIR iP	02 30 29.3
		UME eP	21 19 50			UME iP	02 30 11.6
		Off east coast of Honshu, Japan (h = 35 km).				Southern Iran (h = N).	
"	3	UPP iPKP	03 13 32.9	"	4	UPP iP	02 58 27.1
		KIR iPKP	03 13 48.7			i	02 58 39.8
			micr sec			i	02 58 46.4
		P	Z' 0.1 0.8			KIR iP	02 57 33.3
		UME iPKP	03 13 41.1			UME iP	02 57 59.3
		South Sandwich Islands region (h = 130 km).				i	02 58 34.7
						Andreanof Islands, Aleutian Is. (h = N).	
"	3	UPP iP	06 12 38.0	"	4	UPP eP	03 54 12
		KIR eP	06 11 55			UME iP	03 53 45.2
		UME iP	06 12 13.0			Andreanof Islands, Aleutian Is. (h = N).	
		Off east coast of Honshu, Japan (h = 25 km).		"	4	UPP iP	04 24 01.6
"	3	UPP iP	07 13 59.7			Andreanof Islands, Aleutian Is. (h = N).	
		UME eP	07 13 38	"	4	UPP iP	04 25 45.1
		Off east coast of Honshu, Japan (h = 30 km).				KIR iP	04 24 52.1
"	3	KIR iP	11 29 02.4			UME iP	04 25 18.0
		Southern Iran (h = 40 km).				Andreanof Islands, Aleutian Is. (h = N).	
"	3	UPP iPKP	16 31 13.0	"	4	UPP iP	05 02 26.9
			micr sec			KIR eP	05 01 39
		P	Z' 0.1 0.9			UME iP	05 01 59.7
		Mx	Z 1.9 20			Off east coast of Honshu, Japan (h = 30 km).	
		KIR iPKP	16 31 18.3	"	4	UPP iP	05 06 04.0
			micr sec			KIR iP	05 05 22.1
		P	Z' 0.4 1.6			UME iP	05 05 41.0
		Mx	Z 1.4 20			Off east coast of Honshu, Japan (h = 25 km).	
		UME iPKP	16 31 20.3				
		Drake Passage (h = 15 km). M = 5.7 (UPP,KIR).					

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1995						1995					
Jan.	4	UPP	Mx	07 55		Jan.	6	UPP	iP	09 52 09.5	
				micr	sec			KIR	iP	09 51 32.6	
			Mx	Z 3.3	20			UME	iP	09 51 48.9	
		KIR	Mx	07 57				Near s. coast of Honshu, Japan (h = 20 km).			
				micr	sec						
			Mx	Z 3.0	19		"	6	KIR	iPKP1	16 06 12.4
		Southern east Pacific Rise (h = 10 km). M = 6.1 (UPP,KIR).							Cook Strait, New Zealand (h = 70 km).		
"	4	KIR	iP	08 12 08.5		"	6	UPP	iP	16 52 52.7	
		UME	iP	08 12 24.3					i	16 53 02.3	
		Near east coast of Honshu, Japan (h = N).						KIR	iP	16 52 11.8	
								Off east coast of Honshu, Japan (h = 20 km).			
"	4	UPP	iP	09 01 40.1		"	6	UPP	iP	19 49 52.0	
		UME	iP	09 01 54.0				Albania (h = 30 km).			
		Carlsberg Ridge (h = 15 km).									
"	4	UPP	iP	23 25 43.9		"	6	UPP	iP	22 12 30.2	
				micr	sec					micr	sec
			P	Z' 0.1	1.0				P	Z' 0.3	1.4
		KIR	iP	23 24 59.8				KIR	iP	22 12 12.1	
				micr	sec					micr	sec
			P	Z' 0.2	1.0				P	Z' 0.3	1.0
		UME	iP	23 25 20.0				UME	iP	22 12 18.3	
		Kuril Islands (h = 50 km). m = 6.0 (UPP,KIR).						Mindanao, Philippine Islands (h = 30 km). m = 6.4 (UPP,KIR).			
"	5	UPP	iP	09 30 02.6		"	6	UPP	iP	22 16 31.7	
		KIR	iP	09 29 19.3		"	6	UPP	iP	22 48 46.1 C	
		Off east coast of Honshu, Japan (h = 30 km).							i	22 49 21.9	
"	5	UPP	eP	12 18 57				iPP	22 51 23.5		
		KIR	iP	12 18 15.8				iS	22 57 54		
		Off east coast of Honshu, Japan (h = 30 km).						iP'P'	23 16 49.8		
									micr	sec	
			P	Z' 5.2	1.5				P	Z' 5.2	1.5
"	5	UPP	iP	12 50 27.6				Mx	Z	215	21
		KIR	iP	12 50 09.5				KIR	iP	22 48 04.7 C	
		Ural Mountains region, Russia (h = 10 km).							i	22 48 19.5	
								iPP	22 50 24.9		
									micr	sec	
"	5	UPP	iPKP	23 49 28.5				P	Z' 1.9	1.4	
		KIR	iPKP	23 49 14.9				Mx	Z	153	16
		UME	iPKP	23 49 21.3				UME	iP	22 48 23.3	
		New Caledonia (h = 30 km).							iPP	22 50 49.4	

(cont).

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1995				1995			
Jan.	6	(cont.) UME iS	22 57 11.2	Jan.	7	UPP iP	12 46 01.4
		Near east coast of Honshu, Japan (h = 25 km). m = 7.1, M = 7.3 (UPP,KIR).				KIR iP	12 45 23.7
						UME iP	12 45 40.9
						Eastern Honshu, Japan (h = 70 km).	
"	6	UPP iP	23 58 06.5 D	"	7	UPP iP	13 35 59.9
			micr sec			ipP	13 36 09.2
		P Z'	0.1 0.9			KIR iP	13 35 18.5
		KIR iP	23 57 12.6			ipP	13 35 27.5
			micr sec			UME iP	13 35 37.2
		P Z'	0.2 1.0			ipP	13 35 45.9
		UME iP	23 57 39.1			Off east coast of Honshu, Japan h = 30 km (UPP,KIR,UME).	
		Rat Islands, Aleutian Islands (h = N). m = 6.0 (UPP,KIR).		"	7	UPP iP	16 05 22.9
"	7	UPP eP	02 26 27			KIR iP	16 05 31.9
		KIR iP	02 26 30.7			UME iP	16 05 21.1
		Ecuador (h = 170 km).				Hindu Kush region, Afghanistan (h = 210 km).	
"	7	UPP iP	02 47 17.9 C	"	7	UPP iP	19 39 39.3
		ipP	02 47 28.0			KIR eP	19 39 02
		iPP	02 49 53.7			UME iP	19 39 18.9
		iP'P'	03 15 12.0			Eastern Honshu, Japan (h = 80 km).	
			micr sec	"	7	UPP iP	20 35 43.8
		P Z'	0.7 1.2			KIR iP	20 36 58.3
		Mx Z	12 22			UME iP	20 36 22.8
		KIR iP	02 46 36.6			Ionian Sea (h = 35 km).	
		ipP	02 46 49.5	"	8	KIR iP	09 47 43.0
			micr sec			UME iP	09 48 01.6
		P Z'	1.2 1.3			Near east coast of Honshu, Japan (h = 45 km).	
		Mx Z	10 15	"	8	UPP eP	13 13 38
		UME iP	02 46 55.0			KIR iP	13 14 51.6
		ipP	02 47 06.3			Aegean Sea (h = 25 km).	
		Near east coast of Honshu, Japan. h = 35 km (UPP,KIR,UME). m = 6.7, M = 6.1 (UPP,KIR).		"	8	UPP iPKP1	14 00 45.1
"	7	UPP iP	07 26 00.5			UME iPKP	14 00 36.5
		ipP	07 26 13.1			Kermadec Islands region (h = 65 km).	
		KIR iP	07 25 19.8	"	8	UPP eP	19 32 21
		ipP	07 25 32.4			KIR iP	19 32 33.3
		UME iP	07 25 37.9			UME iP	19 32 21.0
		ipP	07 25 49.9			Afghanistan-Tajikistan bord reg. (h = 210 km).	
		Near east coast of Honshu, Japan. h = 45 km (UPP,KIR,UME).		"	9	UPP eP	04 07 43
"	7	UPP iP	10 25 36.6			Kuril Islands (h = N).	
		KIR eP	10 25 22				
		Off east coast of Honshu, Japan (h = 15 km).					

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1995				1995				
Jan.	9	UPP	iP	18 11 50.7	Jan.	10	UPP eP	11 27 24
			ipP	18 12 02.2			KIR eP	11 26 41
			iPP	18 14 36.5			UME iP	11 27 00.4
			iS	18 21 17			Hokkaido, Japan region (h = N).	
				micr sec				
			P	Z' 0.1 1.0	"	10	UPP iP	20 23 06.0
			Mx	Z 10 18			Near east coast of Honshu, Japan (h = N).	
		KIR	iP	18 11 12.0				
			ipP	18 11 23.5				
			iPP	18 13 42.6	"	11	UPP iP	00 08 05.3
				micr sec			Greece (h = 10 km).	
			P	Z' 0.1 1.1				
			Mx	Z 17 18	"	11	UPP iP	02 55 42.9
		UME	iP	18 11 41.8			Hindu Kush region, Afghanistan (h = N).	
			ipP	18 11 53.7				
			iS	18 20 39				
		Near east coast of Honshu, Japan. h = 40 km (UPP,KIR,UME). m = 5.8, M = 6.2 (UPP,KIR).			"	11	UPP iP	06 43 03.1
"	9	UPP	iP	19 05 17.0				micr sec
		KIR	iP	19 05 30.4			P	Z' 0.2 1.5
		UME	iP	19 04 52.3			KIR iP	06 42 49.3
		Kuril Islands (h = 30 km).					UME iP	06 42 55.0
"	10	UPP	iPKP	02 09 33.9			Mindanao, Philippine Islands (h = 160 km).	
		South of Fiji Islands (h = N).			"	11	UPP iP	07 59 22.1
"	10	UPP	iP	08 07 08.6			i	07 59 48.1
		UME	iP	08 06 55.1				micr sec
		Taiwan (h = N).					P	Z' 0.2 1.5
"	10	UPP	iP	10 21 22.0			KIR iP	07 58 39.2
			i	10 21 24.6				micr sec
				micr sec			P	Z' 0.1 1.4
			P	Z' 0.1 0.9			UME iP	07 58 58.6
		KIR	iP	10 21 05.8			i	07 59 15.5
				micr sec			Hokkaido, Japan region (h = 55 km). m = 5.8 (UPP,KIR).	
			P	Z' 0.1 1.2	"	11	UPP i(PKP)	10 05 32.6
			Mx	Z 12 15			iPKP	10 05 37.8
		UME	iP	10 21 10.9			KIR iPKP	10 05 23.5
		Southeastern China (h = N). m = 5.7 (UPP,KIR).					UME i(PKP)	10 05 25.7
"	10	UPP	iP	11 06 46.5			iPKP	10 05 32.5
		KIR	iP	11 06 04.5			South of Fiji Islands (h = 590 km).	
		UME	iP	11 06 23.2	"	11	UPP iP	10 39 39.2
		Off east coast of Honshu, Japan (h = N).					KIR iP	10 39 47.5
							UME eP	10 39 45
							Peru-Brazil border region (h = 170 km).	

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1995				1995			
Jan.	11	UPP	iP	14 05 14.7	Jan.	12	(cont).
				Near coast of northern Calif. (h = 15 km).			UME iP 23 40 56.8 Near s. coast of Honshu, Japan (h = 25 km).
"	11	UPP	iPKP1	15 26 59.6	"	13	UPP iP 03 24 04.0 C
			iPKP2	15 27 03.7			micr sec
		KIR	ePKP	15 26 41			P Z' 0.8 1.0
		UME	iPKP	15 26 48.1			Mx Z 5.4 19
			i	15 26 51.0			KIR iP 03 23 18.1 C
				Kermadec Islands, New Zealand (h = N).			micr sec
"	11	UME	iP	19 44 01.6			P Z' 0.9 1.0
				Galapagos Islands region (h = N).			Mx Z 3.8 19
"	11	UPP	iP	23 44 20.0			UME iP 03 23 39.3 C
				Kuril Islands (h = N).			Kuril Islands (h = N). m = 6.8, M = 5.6 (UPP,KIR).
"	12	KIR	eP	00 27 31	"	13	KIR iP 04 36 13.6
		UME	iP	00 26 58.0			UME iP 04 37 06.5
				Turkey (h = 10 km).			Greenland sea (h = 10 km).
"	12	UPP	iP	07 58 04.4	"	13	KIR iP 05 19 46.1
		KIR	eP	07 57 21			UME iP 05 19 51.9
		UME	iP	07 57 40.3			Seram, Indonesia (h = 55 km).
				Kuril Islands (h = 120 km).	"	14	UPP iPKP1 07 08 38.8
"	12	UPP	iP	10 37 47.2			micr sec
			i	10 37 48.2			P Z' 0.2 0.6
			iS	10 46 44			KIR iPKP 07 08 23.1
				micr sec			UME iPKP 07 08 29.3
			Mx	Z 5.1 18			Kermadec Islands region (h = 210 km).
		KIR	iP	10 37 01.1	"	14	UPP iP 08 58 26.5
			i	10 37 03.7			KIR iP 08 57 33.1
				micr sec			Rat Islands, Aleutian Islands (h = N).
			P	Z' 0.2 1.0	"	14	UPP iP 09 24 20.3
			Mx	Z 8.5 19			KIR iP 09 24 03.7
		UME	iP	10 37 21.3			Northern Molucca Sea (h = 25 km).
			i	10 46 25	"	14	UPP iP 12 32 41.8
				Kuril Islands (h = 35 km). M = 5.8 (UPP,KIR).			KIR iP 12 32 00.1
"	12	UPP	iP	14 51 00.5			UME iP 12 32 18.9
		KIR	iP	14 50 59.1			Off east coast of Honshu, Japan (h = 35 km).
		UME	iP	14 50 59.6	"	14	UPP iP 19 01 28.4
				Jawa, Indonesia (h = 80 km).			Myanmar (h = 90 km).
"	12	UPP	iP	23 41 16.4			
		KIR	iP	23 40 39.7			

(cont).

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1995				1995						
Jan.	17	(cont).		Jan.	19	(cont).				
		UPP	iSKP1	17 15 04.7		UME	iP	05 17 19.9		
		KIR	iPKP	17 12 12.6				Off east coast of Honshu, Japan		
			iSKP1	17 14 41.8				(h = N).		
		UME	iPKP	17 12 19.6		"	19	UPP	iPdiff	05 39 41.8
			iSKP1	17 14 53.3				KIR	iP	05 39 20.2
		Fiji Islands region (h = 630 km).						UME	eP	05 39 26
"	18	UPP	iP	00 32 20.2				Irian Jaya, Indonesia (h = 25 km).		
		Kyushu, Japan (h = 150 km).				"	19	UPP	iP	06 25 24.4
"	18	UPP	iP	07 19 19.5				KIR	iP	06 24 32.2
		KIR	eP	07 18 41.8				UME	iP	06 24 53.6
		UME	eP	07 18 58				Off east coast of Kamchatka		
		Near east coast of Honshu, Japan						(h = 35 km).		
		(h = 50 km).				"	19	UPP	eP	06 42 38
"	18	UPP	iPKP	12 33 50.6				KIR	iP	06 42 39.9
		Vanuatu Islands region (h = 35 km).						UME	iP	06 42 30.8
"	18	UPP	eP	14 46 22				Nepal (h = 10 km).		
		KIR	iP	14 46 30.0		"	19	KIR	iP	10 09 16.3
		UME	iP	14 46 19.3				UME	iP	10 09 20.9
		Afghanistan-Tajikistan bord reg.						Banda Sea (h = 160 km).		
		(h = 220 km).				"	19	UPP	iP	14 39 25.9
"	18	UPP	eP	19 32 13				UME	eP	14 39 00.8
		KIR	eP	19 31 50				Kuril Islands (h = N).		
		Qinghai, China (h = N).				"	19	UPP	iP	15 17 42.7 C
"	18	UPP	eP	23 34 10				i		15 17 46.9
		KIR	iP	23 33 28.3				iSKS		15 28 06
		UME	iP	23 33 45.9				iS		15 28 14
		Near east coast of Honshu, Japan								micr sec
		(h = N).						P	Z'	0.2 1.3
"	19	UPP	iP	03 11 25.1				Mx	Z	33 21
				micr sec				KIR	iP	15 17 47.2
			P	Z'	0.1 0.7			i		15 17 51.3
		KIR	iP	03 10 40.5						micr sec
		UME	iP	03 11 00.0				P	Z'	0.4 1.5
		Kuril Islands (h = 40 km).						Mx	Z	26 21
"	19	UPP	iP	03 30 55.7				UME	iP	15 17 48.2
		UME	iP	03 30 30.0				i		15 17 52.0
		Kuril Islands (h = N).						i		15 27 48
								Colombia (h = 15 km).		
								m = 6.4, M = 6.6 (UPP,KIR).		
"	19	UPP	iP	05 17 41.9		"	20	UPP	iP	03 46 45.7 C
		KIR	eP	05 17 01.7						micr sec
		(cont).						P	Z'	0.3 0.9
								(cont).		

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1995				1995						
Jan.	20	(cont).		Jan.	21	(cont).				
		KIR	iP	03 46 01.0		UME	iP	07 07 21.6		
				micr				Off east coast of Honshu, Japan		
			P	Z' 0.3				(h = 35 km).		
		UME	iP	03 46 21.4 C						
		Kuril Islands (h = 60 km).			"	21	UPP	iP	07 43 52.4	
		m = 6.4 (UPP,KIR).						micr	sec	
"	20	UPP	eP	07 23 57			P	Z' 0.1	1.0	
		Ethiopia (h = 15 km).					KIR	iP	07 43 35.3	
"	20	KIR	iP	11 41 42.8			UME	iP	07 43 41.9	
		UME	eP	11 41 51			Northern Molucca Sea (h = 40 km).			
		Guatemala (h = 65 km).			"	21	UPP	iP	08 58 29.2 C	
"	20	UPP	iP	14 11 56.7			i	08 58 48.1		
		KIR	eP	14 12 02			iS	09 07 28		
		Colombia (h = N).						micr	sec	
"	20	UPP	iPKP1	14 39 43.6			P	Z' 4.3	1.5	
		KIR	iPKP	14 39 24.3			P	Z' 6.8	1.8	
		UME	iPKP	14 39 32.3			Mx	Z 12	20	
		Kermadec Islands region (h = N).				KIR	iP	08 57 43.5 C		
"	20	UPP	iP	16 02 33.2				micr	sec	
		KIR	iP	16 02 18.2			P	Z' 1.6	1.2	
		UME	iP	16 02 22.8			Mx	Z 15	19	
		Northern Molucca Sea (h = 55 km).				UME	iP	08 58 04.5 C		
"	21	KIR	iPg1	01 59 00.0			iS	09 06 44		
			iSg1	01 59 29.0			Kuril Islands (h = 60 km).			
		UME	iSn	02 00 54.8			m = 7.0, M = 6.1 (UPP,KIR).			
			iSg1	02 01 35.9		"	21	KIR	iP	09 30 59.1
		Coast of northern Norway, 70.2°N, 18.5°E.						UME	eP	09 31 00
		Origin time = 01 58 12.						Colombia (h = N).		
		$M_L(UPP) = 3.4 (0.10) 2.$			"	21	KIR	iP	16 15 04.6	
		By combination with Finnish station readings.					UME	iP	16 15 09.9	
"	21	KIR	iP	03 10 31.0			Banda Sea (h = 180 km).			
		Southern Iran (h = N).			"	21	UPP	iP	21 34 17.5	
"	21	UPP	iP	03 53 43.0			ipP	21 34 46.2		
		KIR	eP	03 54 38			KIR	iP	21 33 30.4	
		Turkey (h = 25 km).					UME	iP	21 33 52.7	
"	21	UPP	eP	07 07 45			ipP	21 34 20.5		
		KIR	iP	07 07 03.5			Kuril Islands. h = 120 km (UPP,KIR).			
		(cont).			"	22	UPP	iPKP	00 39 00.0	
							iSKP1	00 41 58.5		
							KIR	iPKP	00 38 52.1	
							eSKP1	00 41 36		
							UME	iPKP	00 38 53.9	
							(cont).			

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Jan.	22	(cont.) UME iSKP1	00 41 47.4	Jan.	24	UPP iP KIR iP	04 22 09.5 04 22 43.1
		Fiji Islands region (h = 500 km).				Southern Iran (h = N).	
"	22	UPP iP KIR iP UME iP	02 44 55.4 02 45 22.8 02 45 15.3	"	24	UPP iPKP UME iPKP	06 40 26.0 06 40 20.9
		Azores Islands region (h = 15 km).				South of Fiji Islands (h = 570 km).	
"	22	UPP iP KIR iP UME iP	03 47 10.3 03 46 22.9 03 46 44.5	"	24	UPP eP KIR iP UME iP	07 39 38 07 38 42.9 07 39 07.0
		Kuril Islands (h = 150 km).				Kamchatka (h = 140 km).	
"	22	UPP iPKP1 iPKP2 KIR iPKP UME iPKP	05 03 59.7 05 04 10.1 05 03 40.7 05 03 50.7	"	24	UPP iP KIR iP UME iP	08 41 58.6 08 41 20.9 08 41 36.5
		South of Kermadec Islands (h = 120 km).				Sea of Japan (h = 530 km).	
"	22	UPP iP KIR iP UME eP	10 54 05.6 10 54 10.7 10 54 12	"	24	UPP iPKP KIR ePKP	09 31 42.4 09 31 29
		Colombia (h = 20 km).				Kermadec Islands region (h = 90 km).	
"	23	UPP iP UME iP	09 38 10.1 09 38 01.8	"	24	KIR iP UME iP	12 30 47.6 12 30 12.2
		Myanmar (h = N).				Crete (h = 10 km).	
"	23	UPP iPKP1	10 35 53.7	"	24	KIR iP UME iP	15 35 05.4 15 35 33.2
		South of Fiji Islands (h = N).				Andreanof Islands, Aleutian Is. (h = N).	
"	23	UPP iP KIR iP	12 25 15.3 12 24 42.9	"	24	UPP iPKP1 KIR iPKP UME iPKP	18 16 36.9 18 16 21.6 18 16 25.6
		South of Honshu, Japan (h = 330 km).				Kermadec Islands region (h = N).	
"	23	UPP eP KIR iP	23 17 40 23 17 14.6	"	24	UPP iP UME iP	19 31 58.3 19 31 32.1
		Ryukyu Islands (h = N).				Kuril Islands (h = 90 km).	
"	24	KIR iSg1 UME iSn iSg1	02 43 42.7 02 44 08.7 02 44 39.5	"	24	UPP iP KIR eP UME iP	20 49 25.5 20 48 44.1 20 49 03.9
		Norwegian Sea, 67.6°N, 11.2°E. Origin time = 02 41 52. $M_L(\text{UPP}) = 2.8 (0.16) 2$. By combination with Finnish station readings.				Off east coast of Honshu, Japan (h = N).	
				"	24	UPP Mx Mx	23 45 micr sec Z 5.1 26

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Jan.	24	(cont). KIR Mx	23 41 micr sec	Jan.	26	UPP iPKP UME iPKP	05 36 23.9 05 36 15.2
		Mx Z 7.7	26			South of Fiji Islands (h = 45 km).	
		Solomon Islands (h = 25 km). M = 6.0 (UPP,KIR).		"	26	UPP iP	07 08 22.9 C
"	24	UME iP	23 07 34.9			i	07 08 29.5
		Near east coast of Honshu, Japan (h = 10 km).				ipP	07 08 48.1
"	25	UPP iP	06 50 56.4			P	Z' 0.1 0.7
		UME iP	06 50 32.0			KIR iP	07 08 31.5
		Kuril Islands (h = 55 km).				i	07 09 06.4
"	25	UPP iP	10 38 07.7			P	Z' 0.1 0.9
		KIR iP	10 37 13.6			UME iP	07 08 20.5
		UME iP	10 37 41.1			i	07 08 27.7
		Alaska Peninsula (h = N).				ipP	07 08 44.9
"	25	UPP iP	12 21 27.6	"	26	UPP iP	11 44 34.9
		KIR eP	12 22 31			KIR iP	11 44 36.7
		UME iP	12 21 57.2			UME iP	11 44 31.9
		Turkey (h = 65 km).				Southern Xinjiang, China (h = N).	
"	25	UPP iPKP	12 31 36.7	"	27	UPP iP	01 01 36.2
		Kermadec Islands region (h = 90 km).				UME iP	01 01 23.3
"	25	UPP iP	13 08 38.9			Qinghai, China (h = 10 km).	
		KIR iP	13 07 52.1	"	27	UPP iP	01 19 47.4
		UME eP	13 08 12			UME iP	01 19 45.8
		Kuril Islands (h = 190 km).				Near coast of Chiapas, Mexico (h = 65 km).	
"	25	UPP iPKP	18 12 01.9	"	27	UPP iP	06 27 22.2
		UME ePKP	18 11 56			Taiwan region (h = N).	
		Kermadec Islands region (h = 160 km).		"	27	UPP iP	11 16 04.6
"	25	UPP iPKP	18 24 17.5			i	11 16 18.4
		KIR iPKP	18 24 07.1			KIR iP	11 15 20.1
		UME iPKP	18 24 10.7			UME iP	11 15 39.3
		South of Fiji Islands (h = 430 km).				Kuril Islands (h = 45 km).	
"	25	UPP iPKP	19 20 06.3	"	27	UPP iP	14 53 52.0
		UME iPKP	19 19 57.2			UME iP	14 53 34.1
		South of Fiji Islands (h = 50 km).				Volcano Islands region (h = N).	
"	25	UPP iPKP	21 46 00.8	"	27	UPP iP	16 37 28.3
		UME ePKP	21 45 33			KIR iP	16 37 19.0
		Kermadec Islands region (h = 90 km).				UME iP	16 37 27.2
						Guatemala (h = 55 km).	

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1995

Jan.	30	UPP	iP	22 44 10.5
		KIR	iP	22 44 18.3
		UME	iP	22 44 10.0
		Afghanistan-Tajikistan bord reg. (h = 80 km).		
"	31	UPP	iP	06 54 12.8
		Halmahera Indonesia (h = N).		
"	31	UPP	iP	11 08 22.9
		Irian Jaya region, Indonesia (h = N).		
"	31	UPP	iP	12 51 19.2
		Laptev Sea (h = N).		
"	31	UME	iPg1	14 51 12.8
			i	14 51 13.8
			iSg1	14 51 15.2
		Västerbotten, Sweden, 63.9°N, 20.3°E. Origin time = 14 51 08. By combination with Finnish station readings.		

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

FEBRUARY 1 - 28, 1995

1995					1995				
Feb.	1	UPP	iP	11 25 36.1	Feb.	2	UPP	iP	13 04 40.4
							KIR	iP	13 05 05.4
							UME	iP	13 04 58.7
"	1	UPP	iPn	21 33 42.4					Northern Mid-Atlantic Ridge
			iPg1	21 33 43.5					(h = 10 km).
			iSg1	21 34 15.5					
			i	21 34 17.7	"	3	UPP	Mx	04 10
		KIR	iSg1	21 38 09.7					micr sec
		UME	iSg1	21 36 11.4				Mx	Z 10 21
		DEL	iPg1	21 33 35.0 D			KIR	Mx	04 18
			iSg1	21 34 00.7					micr sec
		MYV	ePn	21 34 13				Mx	Z 8.1 22
			iSn	21 35 01.4					Balleny Islands region (h = 10 km).
			iSg1	21 35 20.0					M = 6.5 (UPP,KIR).
				Västergötland, Sweden,	"	3	UPP	iPKP	03 37 22
				58.4°N, 13.6°E.					Kermadec Islands region (h = 35 km).
				Origin time = 21 33 00.					
				M _L (UPP) = 3.6 (0.19) 4.	"	3	UPP	iP	15 37 25.1
				Felt.					micr sec
"	1	UPP	iP	22 18 25.6				P	Z' 0.1 0.6
				Northwest of Kuril Islands			UME	iP	15 37 10.8
				(h = 380 km).					Wyoming (h = 0 km).
"	2	UPP	iP	07 09 10.6	"	3	UPP	iP	15 55 06.3
				Kuril Islands (h = 65 km).					Irian Jaya region, Indonesia
"	2	UPP	iP	10 50 00.6					(h = 35 km).
				Xizang (h = 10 km).	"	3	UPP	iP	22 34 41.3
"	2	UME	iP	12 47 33.2					Crete (h = 50 km).
				Halmahera, Indonesia (h = 5 km).	"	4	UPP	iP	20 58 23.3

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1995				1995			
Feb.	5	UPP eP	05 19 29	Feb.	6	UPP iP	00 42 53.8
		Kuril Islands (h = N).				i	00 43 06.2
"	5	UPP iP	17 29 31.2			KIR iP	00 43 04.6
		UME iP	17 29 06.7			UME iP	00 42 43.2
		Kuril Islands (h = 45 km).		"	6	UPP Mx	24 44
"	5	UPP iP	19 39 52.7			Mx	Z 64 18
		Kuril Islands (h = N).				KIR Mx	24 40
"	5	UPP iP	20 50 06.6			Mx	Z 34 17
		KIR iP	20 50 03.0			Northern Molucca Sea (h = 80 km).	
		UME iP	20 50 09.2			M = 6.9 (UPP,KIR).	
		South of Panama (h = 10 km).				M uncorrected for focal depth.	
"	5	UPP iP	23 01 29.0	"	6	UPP iPKP	01 12 07.6
"	5	UPP iPKP	23 10 55.8			i	01 12 23.0
		iPKP1	23 11 05.6			iPKP2	01 12 28.7
		iPKP2	23 11 19.6			KIR iPKP	01 11 53.0
			micr sec			UME iPKP	01 12 05.7
		P	Z' 1.7 1.8			Off e. coast of N. Island, N.Z.	
		Mx	Z 25 22			(h = N).	
		KIR iPKP	23 10 43.8	"	6	UPP iPKP1	05 39 27.3
			micr sec			KIR iPKP1	05 39 08.1
		P	Z' 1.8 1.2			UME iPKP	05 39 10.1
		Mx	Z 36 21			Off e. coast of N. Island, N.Z.	
		UME iPKP	23 10 48.6			(h = N).	
		iPKP1	23 10 55.4	"	6	UPP iP	09 12 06.9
		Off e. coast of N. Island, N.Z.				Off east coast of Honshu, Japan	
		(h = 20 km).				(h = N).	
		M = 7.0 (UPP,KIR).		"	6	UPP iPKP	10 39 41.6
"	5	UPP iP	23 37 24.5			iPKP1	10 39 51.9
		i	23 37 36.0			iPKP2	10 40 04.5
		KIR iP	23 37 03.9			Off e. coast of N. Island, N.Z.	
			micr sec			(h = N).	
		P	Z' 0.3 1.1	"	6	UPP iPKP1	11 03 56.9
		UME iP	23 27 13.3			iPKP2	11 04 11.8
"	6	UPP iP	00 03 13.3			Off e. coast of N. Island, N.Z.	
		i	00 03 26.9			(h = N).	
		KIR iP	00 02 51.2	"	6	UPP iPKP1	11 43 01.8
			micr sec			iPKP2	11 43 16.4
		P	Z' 0.2 1.0			Off e. coast of N. Island, N.Z.	
		UME iP	00 03 03.1			(h = N).	
"	6	UPP iP	00 22 56.1	"	6	UPP iP	14 02 36.9
		UME iP	00 21 29.3			Hokkaido, Japan region (h = 60 km).	

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1995				1995			
Feb.	6	UPP	iPKP2	15 39 39.9	Feb.	8	(cont).
				Off e. coast of N. Island, N.Z. (h = N).			KIR ipP 18 53 32.7
							micr sec
"	6	UPP	iSg1	17 03 32.4			P Z' 1.3 2.0
		UME	iSg1	17 04 38.2			UME iP 18 53 14.2
		DEL	iSg1	17 03 14.7			ipP 18 53 34.1
		MYV	eSg1	17 03 08			Colombia.
				Southwestern Norway, 59.8°N, 6.6°E.			h = 80 km (UPP,KIR,UME).
				Origin time = 17 00 39.			m = 6.3 (UPP,KIR).
				$M_L(\text{UPP}) = 2.6$ 1.	"	8	UPP iP 21 29 24.7
				By combination with Finnish station readings.			UME iP 21 30 03.6
							Turkey (h = 25 km).
"	8	UPP	iPKP2	00 41 27.3	"	9	UPP iP 00 12 42.9
				Off e. coast of N. Island, N.Z. (h = N).			UME iP 00 12 11.5
							Kuril Islands (h = 160 km).
"	8	UPP	iPKP	08 57 48.9	"	9	UPP iP 01 36 13.9
		KIR	iPKP	08 57 33.8			UME iP 01 35 49.2
				Kermadec Islands region (h = 160 km).			Kuril Islands (h = 65 km).
"	8	UPP	iP	12 26 29.5	"	9	UPP iPKP1 01 55 02.4
		UME	iP	12 26 57.5			KIR iPKP 01 54 41.1
				North of Ascension Island (h = 10 km).			UME iPKP1 01 54 51.9
							Off e. coast of N. Island, N.Z. (h = N).
"	8	KIR	iPKP1	13 18 34.7	"	9	UPP iPKP1 02 41 35.2
		UME	iPKP1	13 18 44.9			KIR iPKP1 02 41 16.0
				Off e. coast of N. Island, N.Z. (h = N).			UME iPKP1 02 41 25.4
							Off e. coast of N. Island, N.Z. (h = N).
"	8	UPP	iP	16 41 25.9	"	9	UME iPKP1 08 45 29.6
		UME	iP	16 41 17.3			Off e. coast of N. Island, N.Z. (h = N).
				Myanmar-India border region (h = 70 km).			
"	8	UPP	iPKP1	17 40 20.8	"	9	UME iPKP1 08 46 14.2
		KIR	iPKP	17 41 00.8			Off e. coast of N. Island, N.Z. (h = N).
		UME	iPKP1	17 40 09.7			
				Off e. coast of N. Island, N.Z. (h = N).	"	9	KIR iSg1 09 43 39.4
"	8	UPP	iP	18 53 08.7			Norrbottn, Sweden, 66.9°N, 23.8°E.
			ipP	18 53 29.4			Origin time = 09 42 53.
			iS	19 03 48			$M_L(\text{UPP}) = 2.3$ 1.
				micr sec			Felt.
				P Z' 0.1 0.7			By combination with Finnish station readings.
		KIR	iP	18 53 11.7			
				(cont).			

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1995				1995			
Feb.	9	UPP iPKP	10 03 10.8	Feb.	9	(cont).	
		UME iPKP	10 03 05.1			UME iP	18 35 36.8
		South of Fiji Islands (h = 110 km).				South of Honshu, Japan (h = 350 km).	
"	9	UPP iP	10 53 35.7	"	9	UME iPKP1	21 11 06.3
		Kuril Islands (h = N).				Off e. coast of N. Island, N.Z. (h = N).	
"	9	UPP iPKP	10 54 46.0	"	9	KIR iPKP1	01 26 30.1
		KIR iPKP	10 54 32.8			UME iPKP1	01 26 37.6
		i	10 54 48.8			Off e. coast of N. Island, N.Z. (h = N).	
		UME iPKP2	10 54 57.3				
		East of North Island, N.Z. (h = N).					
"	9	UPP iPKP	11 16 33.3	"	10	UPP iPKP1	02 05 01.2
		iPKP1	11 16 45.7				micr sec
		i	11 17 04.0			Mx Z	15 09
		KIR iPKP1	11 16 23.6			KIR iPKP1	02 04 43.7
		i	11 16 32.4				micr sec
		UME iPKP1	11 16 31.5			Mx Z	11 21
		iPKP2	11 16 40.4			UME iPKP1	02 04 52.2
		Off e. coast of N. Island, N.Z. (h = N).				Off e. coast of N. Island, N.Z. (h = 30 km). M = 6.7 (UPP,KIR).	
"	9	UPP iP	11 09 31.2	"	10	KIR iP	16 57 13.8
		KIR iP	11 08 44.8			UME iP	16 56 38.5
		UME iP	11 09 05.1			Crete (h = 30 km).	
		Hokkaido, Japan region (h = 350 km).					
"	9	UME iPKP1	11 45 55.2	"	10	UME iPKP	18 22 05.6
		Off e. coast of N. Island, N.Z. (h = N).				Santa Cruz Islands (h = 140 km).	
"	9	UPP iPKP	13 13 44.4	"	10	UME iP	19 43 32.1
		KIR iPKP1	13 13 39.2			Kuril Islands (h = 200 km).	
		UME iPKP	13 13 44.8	"	10	UME iP	20 32 50.3
		Off e. coast of N. Island, N.Z. (h = N).				Banda Sea (h = N).	
"	9	UME iPKP	14 45 55.2	"	10	KIR iPKP1	22 29 32.1
		Off e. coast of N. Island, N.Z. (h = N).				UME iPKP1	22 29 40.8
						Off e. coast of N. Island, N.Z. (h = N).	
"	9	UME iPKP1	16 58 20.8	"	10	UPP iP	22 46 53.3
		Off e. coast of N. Island, N.Z. (h = N).				KIR iP	22 46 31.6
						UME iP	22 46 37.4
						Luzon, Philippine Islands (h = 55 km).	
"	9	UPP iP	18 35 56.4	"	11	UPP iPKP2	02 22 08.0
		KIR iP	18 35 21.3			KIR iPKP1	02 21 36.6
		(cont).				(cont).	

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1995				1995			
Feb.	11	(cont). UME iPKP1 02 21 44.8 Off e. coast of N. Island, N.Z. (h = 35 km).		Feb.	11	UPP iP 22 58 03.3 KIR iP 22 57 59.1 UME iP 22 58 03.9 Caribbean Sea (h = 10 km).	
"	11	UME iPKP1 03 19 11.7 Off e. coast of N. Island, N.Z. (h = N).		"	12	UPP iP 01 15 37.9 UME iP 01 15 42.2 Northern Peru (h = 20 km).	
"	11	UME iPKP 04 03 18.0 Off e. coast of N. Island, N.Z. (h = N).		"	12	UME iPKP2 01 44 02.8 Off e. coast of N. Island, N.Z. (h = N).	
"	11	UPP iPKP 04 15 39.3 KIR iPKP1 04 15 30.9 UME iPKP1 04 15 37.7 Off e. coast of N. Island, N.Z. (h = N).		"	12	UPP iPKP2 01 59 51.9 KIR iPKP1 01 59 17.0 UME iPKP1 01 59 26.3 Off e. coast of N. Island, N.Z. (h = 30 km).	
"	11	UPP iPKP1 05 33 38.3 KIR iPKP 05 33 15.4 UME iPKP1 05 33 28.7 South of Kermadec Islands (h = N).		"	12	UPP iPKP2 03 04 41.4 KIR iPKP1 03 04 10.0 UME iPKP1 03 04 18.3 Off e. coast of N. Island, N.Z. (h = 20 km).	
"	11	UME eP 06 08 46 Hindu Kush region, Afghanistan (h = N).		"	12	UPP iPKP2 03 11 32.6 KIR iPKP1 03 11 03.7 UME iPKP1 03 11 12.2 Off e. coast of N. Island, N.Z. (h = N).	
"	11	UPP iPKP2 15 04 20.5 i 15 04 28.5 KIR iPKP1 15 03 49.1 UME iPKP1 15 03 58.6 Off e. coast of N. Island, N.Z. (h = 30 km).		"	12	KIR iP 04 22 15.4 UME iP 04 22 20.0 Celebes Sea (h = 620 km).	
"	11	KIR iPKP 17 56 59.5 UME iPKP1 17 57 08.6 Off e. coast of N. Island, N.Z. (h = 30 km).		"	12	KIR iP 07 29 23.2 UME iP 07 29 32.0	
"	11	KIR iPKP 18 16 41.8 UME iPKP 18 16 49.5 Off e. coast of N. Island, N.Z. (h = N).		"	12	UME iP 11 50 32.4 Kuril Islands (h = 55 km).	
"	11	UPP iP 19 38 02.1 KIR iP 19 37 22.1 UME iP 19 37 41.3 Near east coast of Honshu, Japan (h = N).		"	12	UPP eP 20 23 35 i 20 23 43.8 KIR iP 20 22 39.5 UME iP 20 23 08.1 Southern Alaska (h = 110 km).	
"	11	UPP iP 19 38 02.1 KIR iP 19 37 22.1 UME iP 19 37 41.3 Near east coast of Honshu, Japan (h = N).		"	12	KIR iPKP 21 43 24.7 UME iPKP1 21 43 37.1 Off e. coast of N. Island, N.Z. (h = N).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Feb.	12	KIR	iPKP1	22 32 05.8	Feb.	13	UPP	iP	13 20 34.9
		UME	iPKP1	22 32 19.8			KIR	iP	13 20 19.3
		Off e. coast of N. Island, N.Z.					UME	iP	13 20 27.8
		(h = N).					Halmahera, Indonesia (h = 20 km).		
"	13	UPP	ePKP2	00 32 00	"	13	UME	iP	13 20 42.2
				micr sec			Greece (h = 10 km).		
		Mx	Z	6.2 20					
		KIR	Mx	01 35	"	13	KIR	iP	13 33 12.8
				micr sec			Halmahera, Indonesia (h = N).		
		Mx	Z	7.3 21	"	13	UPP	iP	14 05 51.6
		Off e. coast of N. Island, N.Z.					KIR	iP	14 05 37.1
		(h = 30 km).					UME	iP	14 05 45.1
		M = 6.4 (UPP,KIR).					Halmahera, Indonesia (h = 20 km).		
"	13	UME	iPKP1	02 16 54.7	"	13	UPP	iP	15 18 18.5
		Off e. coast of N. Island, N.Z.					i	15 21 15.5	
		(h = N).					iPP	15 22 24.1	
"	13	KIR	iPKP1	02 27 51.1			iS	15 29 43	
		UME	iPKP1	02 28 00.0				micr sec	
		Off e. coast of N. Island, N.Z.					Mx	Z	20 20
		(h = N).				KIR	iP	15 17 57.5	
"	13	UPP	eP	08 55 03			iPP	15 22 03.3	
		KIR	iP	08 54 46.3				micr sec	
		Halmahera, Indonesia (h = 20 km).					Mx	Z	19 18
"	13	UPP	iP	08 57 27.7			UME	iP	15 18 02.4
				micr sec			iPP	15 22 05.3	
		Mx	Z	6.8 20			iSKS	15 28 38	
		KIR	iP	08 57 09.9			Halmahera, Indonesia (h = 15 km).		
				micr sec			M = 6.6 (UPP,KIR).		
		Mx	Z	5.3 8	"	13	UPP	iP	15 50 14.8
		Halmahera, Indonesia (h = 15 km).					Halmahera, Indonesia (h = 15 km).		
		M = 6.1 (UPP,KIR).			"	13	UPP	iP	22 38 36.0
"	13	UPP	iP	12 32 16.0			Halmahera, Indonesia (h = N).		
		North Island, New Zealand (h = N).			"	14	KIR	iPKP1	01 10 55.0
"	13	UPP	iPKP	12 38 38.3			UME	iPKP	01 11 03.5
		UME	iPKP1	12 38 40.2			Off e. coast of N. Island, N.Z.		
		North Island, New Zealand (h = N).					(h = N).		
"	13	UPP	eP	12 43 42	"	14	UPP	iP	01 39 32.1
		KIR	iP	12 43 26.3			KIR	iP	01 39 00.1
		UME	iP	12 43 30.4			UME	iP	01 39 12.9
		i		12 47 09.3			Kyushu, Japan (h = 30 km).		
		Halmahera, Indonesia (h = 15 km).			"	14	UPP	iPKP	05 17 24.4
							South of Fiji Islands (h = 510 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Feb.	14	UPP iP	07 45 30.0	Feb.	15	UPP iP	01 07 44.8
		KIR iP	07 44 43.3			KIR eP	01 06 59
		UME iP	07 45 03.8			UME iP	01 07 20.0
		Kuril Islands (h = 170 km).				Hokkaido, Japan region (h = N).	
"	14	UPP eP	11 19 05	"	15	UPP iPKP2	01 37 05.1
		KIR iP	11 19 51.5			KIR iPKP1	01 36 33.3
		Turkey (h = 20 km).				UME iPKP1	01 36 41.3
"	14	UPP iP	12 53 11.8			Off e. coast of N. Island, N.Z. (h = N).	
		KIR iP	12 54 10.7				
		Cyprus region (h = N).		"	15	UPP iP	03 06 28.4
"	14	UPP iP	17 51 35.4 D			KIR iP	03 06 36.0
		i	17 52 34.2			UME iP	03 06 26.4
			micr sec			Afghanistan-Tajikistan bord reg. (h = 120 km).	
		P	Z' 0.3 1.0	"	15	KIR iP	05 01 32.0
		KIR iP	17 51 02.7			UME iP	05 00 54.1
			micr sec			Crete (h = 65 km).	
		P	Z' 0.1 0.9	"	15	UPP iP	05 01 44.3
		UME iP	17 51 16.9			KIR iP	05 02 51.2
		South of Honshu, Japan (h = 420 km).				Crete (h = N).	
		m = 5.8 (UPP,KIR).		"	15	UPP eP	10 50 01
"	14	UPP iP	17 52 12.8			KIR eP	10 49 43.7
		KIR iP	17 51 28.6			UME iP	10 49 52.1
		UME iP	17 51 43.0			Halmahera, Indonesia (h = 30 km).	
		East of Kuril Islands (h = 35 km).		"	15	UPP iP	13 12 38.1
"	14	UPP iP	20 58 42.3 D			KIR iP	13 13 16.9
		i	20 59 05.8			UME iP	13 12 51.4
			micr sec			Southern Iran (h = 30 km).	
		P	Z' 0.1 0.6	"	15	UME iPKP2	14 52 09.3
		Mx	Z 6.4 19			Off e. coast of N. Island, N.Z. (h = N).	
		KIR iP	20 57 54.6	"	15	UME iP	18 03 01.4
		UME iP	20 58 16.3			Carlsberg Ridge (h = 10 km).	
		iS	21 06 53	"	15	KIR ePKP	19 20 16.7
		Kuril Islands (h = 30 km).				UME iPKP	19 20 22.1
"	15	UPP iP	00 06 32.5			Off e. coast of N. Island, N.Z. (h = N).	
		KIR iP	00 05 50.0	"	15	UPP iPKP2	23 56 28.5
		UME eP	00 06 05			KIR iPKP1	23 55 52.8
		Hokkaido, Japan region (h = N).				(cont).	
"	15	UPP iPKP1	01 00 11.0				
		KIR ePKP	00 59 54				
		UME iPKP	00 59 58.8				
		Kermadec Islands, New Zealand (h = N).					

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1995			1995		
Feb.	15	(cont). UME iPKP1 23 56 05.0 Off e. coast of N. Island, N.Z. (h = N).	Feb.	17	UPP iP 06 10 21.1 UME iP 06 10 57.5 Ionian Sea (h = N).
"	16	UPP iP 09 48 48.3 UME iP 09 48 53.2 Northern Peru (h = 20 km).	"	17	UPP iP 08 19 29.3 KIR iP 08 18 34.5 UME iP 08 19 02.0 Near Islands, Aleutian Islands (h = N).
"	16	UPP iP 13 07 50.3 KIR iP 13 08 57.3 UME iP 13 08 21.5 Crete (h = N).	"	17	UME iSg1 08 24 28.0 Västerbotten, Sweden, 65.1°N, 20.4°E. Origin time = 08 23 47. By combination with Finnish station readings.
"	16	UPP iP 14 58 37.3 i 14 59 13.8 KIR iP 14 58 52.2 UME iP 14 58 47.2 i 14 58 53.8 Northern Mid-Atlantic Ridge (h = 10 km).	"	17	UPP iP 12 19 25.3 KIR eP 12 19 33 Afghanistan-Tajikistan bord reg. (h = N).
"	16	UPP iPKP1 15 04 23.7 UME iPKP1 15 04 13.7 Kermadec Islands region (h = N).	"	17	UPP iP 17 37 34.5 KIR eP 17 37 17 UME iP 17 37 23.9 Mindoro, Philippine Islands (h = 150 km).
"	16	UPP iP 19 11 41.4 Southeast of Taiwan (h = N).	"	17	KIR iP 20 37 32.0 Taiwan region (h = 10 km).
"	16	UPP iP 21 34 14.6 KIR iP 21 33 59.9 South of Honshu, Japan (h = 80 km).	"	18	UPP iP 00 25 31.3 KIR iP 00 25 21.1 UME iP 00 25 24.2 Myanmar-China border region (h = N).
"	17	UPP iPKP2 01 20 35.0 KIR iPKP 01 20 02.5 UME iPKP1 01 20 11.6 iPKP2 01 20 21.7 Off e. coast of N. Island, N.Z. (h = 30 km).	"	18	KIR iP 01 50 44.7 UME iP 01 51 04.4 ipP 01 51 19.1 Near east coast of Honshu, Japan (h = 55 km).
"	17	UPP iP 02 54 21.5 KIR iP 02 54 14.6 UME iP 02 54 13.5 Eastern Xizang-India border reg. (h = 40 km).	"	18	KIR iP 09 35 30.2 Halmahera, Indonesia (h = 20 km).
"	17	KIR iP 03 35 35.4 UME iP 03 36 04.7 Southern Alaska (h = 5 km).	"	18	UPP iP 12 49 00.6 UME iP 12 48 38.5 Near s. coast of western Honshu (h = 10 km).

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1995				1995					
Feb.	18	UPP	iP	13 39 14.5	Feb.	19	KIR	iP	21 11 09.7
				micr sec			UME	iP	21 11 15.0
			P	Z' 0.2 0.7			Halmahera, Indonesia (h = N).		
		KIR	iP	13 38 28.2	"	20	UPP	iP	04 19 49.0 C
				micr sec				ipP	04 19 56.3
			P	Z' 0.2 0.9					micr sec
		UME	iP	13 38 48.8				P	Z' 0.2 1.0
		Sea of Okhotsk (h = 350 km).					KIR	iP	04 19 54.7
		m = 5.7 (UPP,KIR).						ipP	04 20 02.1
"	19	UPP	iP	00 30 58.0 C					micr sec
			iPP	00 34 45.9				P	Z' 0.3 1.0
				micr sec			UME	iP	04 19 45.3
			P	Z' 0.3 1.2				ipP	04 19 52.0
		KIR	iP	00 30 41.6			Tajikistan.		
				micr sec			h = 25 km (UPP,KIR,UME).		
			P	Z' 0.5 1.0			m = 6.0 (UPP,KIR).		
		UME	iP	00 30 47.6 C	"	20	UPP	iP	08 14 51.8
			iPP	00 34 28.4				ipP	08 15 02.8
		Mindanao, Philippine Islands							micr sec
		(h = 80 km).						P	Z' 0.1 1.0
		m = 6.7 (UPP,KIR).					KIR	iP	08 14 53.8
"	19	KIR	iP	02 40 35.5				ipP	08 15 04.3
		UME	iP	02 40 40.9			UME	iP	08 14 46.7
		North of Halmahera (h = 110 km).						ipP	08 14 57.2
"	19	UPP	iP	04 15 00.2			Kyrgyzstan.		
			iS	04 24 42			h = 40 km (UPP,KIR,UME).		
				micr sec	"	20	UME	iP	11 59 53.3
			P	Z' 0.9 1.4			Luzon, Philippine Islands (h = N).		
			Mx	Z 39 23	"	20	UME	iP	22 16 34.4
		KIR	iP	04 14 21.4			Banda Sea (h = 100 km).		
				micr sec	"	21	UPP	iP	02 20 46.8
			P	Z' 2.3 2.5				iS	02 29 40
			Mx	Z 28 17					micr sec
		UME	iP	04 14 43.2				P	Z' 0.1 1.1
			iS	04 23 55				Mx	Z 15 23
		Off coast of Northern California					KIR	iP	02 19 59.6
		(h = 10 km).							micr sec
		m = 6.8, M = 6.6 (UPP,KIR).						P	Z' 0.1 1.0
"	19	UPP	iP	04 56 54.2				Mx	Z 17 22
				micr sec			UME	iP	02 20 21.5
			P	Z' 0.2 1.0				iS	02 28 55
		KIR	iP	04 56 09.6			Kuril Islands (h = 30 km).		
				micr sec			m = 5.9, M = 6.1 (UPP,KIR).		
			P	Z' 0.2 1.0					
		UME	iP	04 56 29.7 C					
		Kuril Islands (h = N).							
		m = 6.2 (UPP,KIR).							

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1995				1995					
Feb.	21	UPP	iP	17 32 36.2	Feb.	23	UPP	iP	05 38 57.7
		KIR	eP	17 31 47					micr sec
		Kuril Islands (h = N).					P	Z'	0.1 1.0
"	21	UPP	iP	21 17 02.2			KIR	iP	05 38 13.2
		KIR	iP	21 16 16.9				i	05 38 16.1
		UME	iP	21 16 37.9					micr sec
		Kuril Islands (h = N).					P	Z'	0.1 1.0
"	22	UPP	iP	02 44 32.5			UME	iP	05 38 34.5
							Off east coast of Honshu, Japan (h = N).		
"	22	UPP	iP	05 51 06.8			m = 5.8 (UPP,KIR).		
		KIR	eP	05 51 22	"	23	UPP	iP	20 18 57.4
		Pakistan (h = N).					KIR	iP	20 18 28.6
"	22	UPP	iSg1	12 43 24.4			UME	iP	20 18 40.1
		UME	iPg1	12 42 41.4			Mariana Islands (h = 120 km).		
			iSg1	12 43 05.6	"	23	UPP	iP	21 08 39.6
		UDD	iSg1	12 43 38.7				iS	21 13 16
		MYV	iPg1	12 42 36.4					micr sec
			iSg1	12 42 57.4			P	Z'	0.4 1.3
		Medelpad, Sweden 62.5°N, 17.6°E.					Mx	Z	12 18
		Origin time = 12 42 09.				KIR	iP	21 09 41.5	
		$M_L(UPP) = 2.5 (0.18) 3.$						micr sec	
		By combination with Finnish station readings.					P	Z'	0.7 0.9
"	23	UPP	iP	05 12 42.4			Mx	Z	10 14
			iS	05 21 50			UME	iP	21 09 06.6
				micr sec				iS	21 14 03
		P	Z'	0.1 1.0			Cyprus region (h = 10 km).		
		KIR	iP	05 12 01.1			m = 6.2, M = 5.5 (UPP,KIR).		
			i	05 12 02.4	"	23	UPP	eP	21 16 15
				micr sec			KIR	iP	21 17 16.0
		P	Z'	0.1 1.0			UME	iP	21 16 42.8
		UME	iP	05 12 21.1			Cyprus region (h = 10 km).		
		Off east coast of Honshu, Japan (h = 10 km).				"	23	UPP	iP
		m = 6.1, M = 6.3 (UPP,KIR).							21 46 11.0
"	23	UPP	iP	05 30 46.5 C					micr sec
			i	05 30 49.0			P	Z'	0.1 1.2
			i	05 31 01.3			KIR	iP	21 47 11.6
				micr sec					micr sec
		P	Z'	0.4 1.2				P	Z'
		KIR	iP	05 30 22.1 C			UME	iP	21 46 37.6
				micr sec			Cyprus region (h = 10 km).		
		P	Z'	0.5 1.3			m = 5.7 (UPP,KIR).		
		UME	iP	05 30 29.7 C	"	24	UPP	iP	00 33 16.2
		Taiwan (h = 40 km).					KIR	iP	00 34 16.4
		m = 6.4, M = 6.5 (UPP,KIR).					UME	eP	00 33 42
							Cyprus region (h = 25 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Feb.	24	UPP iP UME iP	06 37 29.8 06 37 26.7	Feb.	25	UPP iP UME iP	16 25 12.1 16 24 48.0
		South of Jawa, Indonesia (h = 40 km).				Kuril Islands (h = 55 km).	
"	24	UPP iP	18 04 36.4	"	25	UPP iPKP iSKP1	22 12 45.9 22 15 28.7
		Greece-Albania bord reg. (h = 10 km).				UME i(PKP) iPKP iSKP1	22 12 28.1 22 12 40.0 22 15 16.4
"	24	UPP iP	18 25 05.9			Fiji Islands region (h = 570 km).	
"	24	UPP iP	20 20 46.5	"	25	UPP iP	23 07 18.7
			micr sec			Carlsberg Ridge (h = 10 km).	
		P	Z' 0.1 0.7	"	26	UPP iP UME iP	02 23 27.5 02 23 03.6
		Ryukyu Islands (h = 100 km).				Kuril Islands (h = N).	
"	24	UME iP	21 12 18.5	"	26	UPP iP UME iP	04 48 27.3 04 48 01.9
		Iceland region (h = 10 km).				Kuril Islands (h = 50 km).	
"	25	UPP iP UME iP	03 26 46.1 03 26 30.7	"	26	UPP iP UME iP	08 20 09.8 08 19 55.0
		Near southeastern coast of China (h = 10 km).				Taiwan (h = N).	
"	25	UPP iPKP	06 28 43.8	"	26	UPP eP	11 39 07
		Eastern Island region (h = 10 km).				Turkey (h = N).	
"	25	UPP iP UME iP	09 50 10.3 09 50 03.1	"	26	UPP iP i UME iP	15 16 09.7 15 16 17.4 15 16 08.3
		Southern Xinjiang, China (h = N).				Northern Sumatera, Indonesia (h = 55 km).	
"	25	UPP iP UME iP	11 06 37.2 11 06 17.6	"	26	UPP iP	23 20 34.9
		South of Honshu, Japan (h = 440 km).				Greece (h = N).	
"	25	UPP iP UME iP	11 12 58.4 11 12 55.5	"	27	UPP iP	01 23 38.5
		Afghanistan-Tajikistan bord reg. (h = 180 km).				Central Mediterranean Sea (h = 30 km).	
"	25	UPP iP UME iP	14 59 58.3 14 59 42.4	"	27	UPP iP UME iP	04 56 38.8 04 56 10.4
		Mariana Islands (h = 600 km).				Komandorsky Island region (h = 30 km).	
"	25	UME iP	15 51 50.9	"	27	UPP iPKP1 UME iPKP1	09 24 11.7 09 24 05.6
		Tajikistan (h = N).					

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995

Feb.	27	(cont).		
		UME	iPKP2	09 24 15.0
		Off e. coast of N. Island, N.Z.		
		(h = N).		
"	27	UPP	iP	12 33 28.8
		Kenya (h = N).		
"	27	UPP	eP	13 35 01
		North Atlantic Ocean (h = 10 km).		
"	28	UME	iP	21 25 02.6
		South of Panama (h = 20 km).		

October 8, 1996

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DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

MARCH 1 - 31, 1995

1995				1995			
Mar.	1	UPP iP	02 14 29.2	Mar.	3	UPP iP	03 19 21.9
		UME iP	02 14 00.2			UME iP	03 19 01.4
		Near east coast of Kamchatka (h = 90 km).				Near east coast of Honshu, Japan (h = 100 km).	
"	1	UPP iP	05 53 18.6	"	3	UPP iPKP	04 59 42.9
		Afghanistan-Tajikistan bord reg. (h = 200 km).				UME iPKP	04 59 42.9
						Easter Island region (h = 10 km).	
"	1	UPP iP	16 16 15.9	"	3	UPP iP	07 57 44.9
		UME iP	16 15 48.6			Kuril Islands (h = N).	
		Northern Yukon Territory, Canada (h = 10 km).		"	3	UPP iPKP	12 04 42.7
"	1	UPP eP	20 15 34			UME iPKP	12 04 35.7
		UME eP	20 15 43			Solomon Islands (h = N).	
		North Atlantic Ocean (h = 10 km).		"	3	UPP iPKP	12 20 55.2
"	2	UPP iP	05 27 04.0			UME iPKP	12 20 46.5
		UME iP	05 26 51.4			Solomon Islands (h = 35 km).	
		Philippine Islands region (h = 30 km).		"	3	UPP iP	13 33 13.5
"	2	UPP iP	09 02 29.5			UME eP	13 32 39
		North Atlantic Ocean (h = 10 km).				North of Severnaya, Zemlya (h = 10 km).	
"	2	UPP iPKP	16 21 38.6	"	3	UPP eP	13 36 55
			micr sec			UME iP	13 36 17.1
		P	Z' 0.1 0.8			North of Severnaya, Zemlya (h = 10 km).	
		South of Fiji Islands (h = 500 km).		"	3	UPP iP	16 20 21.6
"	3	UPP iPKP	00 19 47.4			UME iP	16 21 15.2
		Kermadec Islands region (h = N).				Northern Italy (h = 10 km).	

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1995				1995			
Mar.	3	UME iPKP	21 31 43.1	Mar.	6	(cont).	
		Samoa Islands region (h = 20 km).				UME iPKP1	11 52 21.7
"	4	UPP iP	02 50 24.1			Off e. coast of N. Island, N.Z.	
"	4	UPP iPKP1	04 51 01.0	"	6	UPP eP	15 10 20
		iPKP2	04 51 07.7			Halmahera, Indonesia (h = 65 km).	
		UME iPKP1	04 50 50.2	"	6	UPP iP	18 56 52.0
		Kermadec Islands region				iS	19 07 58
		(h = 360 km).					micr sec
"	4	UPP eP	08 54 15			Mx Z	4.3 21
		UME iP	08 54 15.1			KIR Mx	19 47
		Southwest of Sumatera, Indonesia					micr sec
		(h = 25 km).				Mx Z	2.2 13
"	4	UPP iPKP	11 37 10.7			UME iP	18 56 43.0
		New Britain region (h = 70 km).				iS	19 07 41
"	4	UPP iP	14 23 03.2			Celebes Sea (h = 15 km).	
		UME iP	14 22 39.7			M = 5.8 (UPP,KIR).	
		Off east coast of Honshu, Japan		"	7	UPP iP	04 03 24.5
		(h = 30 km).				iS	04 07 54
"	4	UPP iP	18 08 38.1				micr sec
		UME iP	18 09 00.0			Mx Z	6.0 15
		Southern Mid-Atlantic Ridge				KIR Mx	04 17
		(h = 10 km).					micr sec
"	4	UPP iPKP	18 14 52.1			Mx Z	1.2 11
		UME iPKP	18 14 43.7			UME iP	04 04 00.6
		South of Fiji Islands (h = 600 km).				iS	04 08 51
"	5	UPP iPn	09 31 40.5			Dodecanese Islands (h = 10 km).	
		iSn	09 33 36.0			M = 5.0 (UPP,KIR).	
		UME iPn	09 30 56.6	"	7	UPP iPKP	11 29 24.1
		iSn	09 32 20.7				micr sec
		UDD iPn	09 31 32.0			P Z'	0.1 0.8
		iSn	09 33 20.2			UME iPKP	11 29 17.8
		Norwegian Sea, 70.3°N, 9.7°E.				South of Fiji Islands (h = 560 km).	
		Origin time = 09 29 05.		"	7	UPP ePKP	13 54 50
		By combination with Finnish and				South of Fiji Islands (h = N).	
		Norwegian station readings.		"	7	UPP iP	15 01 42.8
"	6	UPP iP	06 34 58.8			East of Kuril Islands (h = N).	
		UME iP	06 34 35.8	"	7	UPP iP	15 43 38.2
		Off east coast of Honshu, Japan				Rat Islands, Aleutian Islands (h = N).	
		(h = 35 km).		"	7	UPP iP	18 48 48.5
"	6	UPP iPKP1	11 52 31.1			UME iP	18 48 24.7
		(cont).				Hokkaido, Japan region (h = 170 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Mar.	8	UPP iP UME iP Rat Islands, Aleutian Islands (h = N).	02 03 12.8 02 02 46.3	Mar.	9	UPP iP i i UME iP i Greenland Sea (h = 10 km).	07 08 44.1 07 08 53.8 07 12 28 07 08 00.4 07 08 06.4
"	8	UPP iP UME iP Rat Islands, Aleutian Islands (h = N).	02 10 12.7 02 09 46.3	"	9	UPP iP UME iP Chagos Archipelago region (h = 10 km).	12 08 49.2 12 09 00.4
"	8	UPP iP iPP iS micr sec P Z' 0.1 1.0 Mx Z 9.2 19 KIR Mx 03 57 micr sec P Z' 0.6 1.5 Mx Z 5.9 19 UME iP iPP iS 03 57 17.0 D 03 59 57.1 04 06 27 Leeward Islands (h = 10 km). m = 6.3, M = 5.9 (UPP,KIR).	03 57 08.0 D 03 59 43.4 04 06 14 0.1 1.0 9.2 19 03 57 0.6 1.5 5.9 19 03 57 17.0 D 03 59 57.1 04 06 27	"	9	UPP iP UME iP Near east coast of Honshu, Japan (h = 70 km).	17 37 16.5 17 36 55.8
"	8	UPP iP UME iP Nicobar Islands, India (h = 110 km).	05 22 28.2 05 22 25.1	"	9	UPP iP i micr sec Mx Z 5.3 16 KIR Mx 19 27 micr sec Mx Z 2.5 15 UME iP 18 48 47.1 Philippine Islands region (h = N). M = 5.8 (UPP,KIR).	18 48 59.5 18 49 38.9 5.3 16 19 27 2.5 15 18 48 47.1
"	8	UPP iP UME iP Mongolia (h = N).	05 47 52.6	"	9	UME iP North of Svalbard (h = 10 km).	20 30 45.9
"	8	UPP iP Western Iran (h = 20 km).	07 44 30.2	"	9	UPP iP Romania (h = 150 km).	20 48 10.9
"	8	UPP iP Northern Iran (h = N).	08 04 58.1	"	9	UPP iP i UME iP Kuril Islands (h = 50 km).	23 59 23.0 23 59 35.5 23 58 56.9
"	8	UPP iP UME iP Queen Elizabeth Islands, Canada (h = 10 km).	14 13 21.6 14 12 52.7	"	10	UME iP Queen Elizabeth Islands, Canada (h = 10 km).	00 42 45.4
"	8	UPP iP Vancouver Island region (h = 10 km).	16 40 52.8	"	10	UPP iP Greece (h = 10 km).	04 53 43.5
"	8	UPP iP Rat Islands, Aleutian Islands (h = N).	17 33 17.2	"	10	UPP iP UME iP i Sakhalin Island (h = 350 km).	05 32 28.6 05 32 03.6 05 33 21.0
"	9	UPP iP UME iP Kuril Islands (h = N).	06 49 44.8 06 49 19.2				

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1995				1995			
Mar.	10	UPP iP	11 25 24.9	Mar.	11	(cont).	
			Philippine Islands region (h = N).			UME iP	15 31 46.7
"	10	UPP iP	15 31 27.4			Kuril Islands (h = N).	
			Near east coast of Honshu, Japan (h = 50 km).	"	12	UPP iP	04 51 59.2
"	11	UME iPKP1	00 29 39.8			UME iP	04 51 35.9
			South Island, New Zealand (h = N).			Off east coast of Honshu, Japan (h = 30 km).	
"	11	UPP iP	01 47 40.0	"	12	UPP iP	05 42 03.3
		UME iP	01 47 33.1			UME iP	05 41 43.7
			Xizang (h = 10 km).			South of Honshu, Japan (h = 140 km).	
"	11	UPP iP	05 01 10.4	"	12	UPP iPKP	12 27 53.7
		UME iP	05 00 46.5			Eastern New Guinea reg. (h = 220 km).	
			Near east coast of Honshu, Japan (h = 45 km).	"	12	UPP iP	14 50 55.4
"	11	UPP iSg1	08 14 34.9			UME iP	14 50 33.6
		UME iPg1	08 12 15.9			Near east coast of Honshu, Japan (h = 65 km).	
		iSg1	08 13 08.1	"	12	UPP iPKP	20 19 31.5
		UDD iSg1	08 14 21.2			South of Fiji Islands (h = 580 km).	
		DEL iSg1	08 16 18.3	"	13	UPP iP	10 45 59.1
		MYV iPn	08 12 00.0			Irian Jaya region, Indonesia (h = 10 km).	
		iSg1	08 12 50.0	"	13	UPP iP	23 03 54.4
			Northwestern Norway, 66.5°N, 13.3°E. Origin time = 08 11 03 M _L (UPP) = 3.0 (0.17) 3. By combination with Finnish and Norwegian station readings.			Afghanistan-Tajikistan bord reg. (h = 130 km).	
"	11	UPP iP	08 36 55.0	"	14	UPP iP	04 29 35.6
			Philippine Islands region (h = N).			Rat Islands, Aleutian Islands (h = N).	
"	11	UPP iP	09 10 50.0	"	14	UPP iP	06 39 26.0
			Iraq (h = N).			Philippine Islands region (h = N).	
"	11	UPP iP	15 32 12.3	"	14	UPP iPKP	08 47 55.7
		i	15 32 37.1			UME iPKP	08 47 47.8
		i	15 32 46.3			Kermadec Islands, New Zealand (h = N).	
		iS	15 41 06	"	14	UPP iP	10 39 44.1
			micr sec			Off w. coast of northern Sumatera (h = 30 km).	
		P	Z' 0.1 0.6				
		Mx	Z 8.7 20				
		KIR Mx	16 03				
			micr sec				
		Mx	Z 4.6 18				

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995							
Mar.	14	UPP	iP	17 44 31.5	C	Mar.	16	UPP	iP	08 22 17.4	
			ipP	17 44 41.5				KIR	iP	08 21 36.0	
			i	17 44 52.4				UME	iP	08 21 54.4	
			i	17 53 34				Hokkaido, Japan region (h = 20 km).			
				micr	sec						
			P	Z'	0.2 0.7		"	16	UPP	iP	09 01 52.5
			Mx	Z	18 22					micr sec	
		KIR	iP	17 43 37.6					P	Z'	0.1 1.0
			i	17 43 53.9				KIR	iP	09 01 23.6	
				micr	sec			UME	iP	09 01 36.7	
			P	Z'	0.6 1.0			Mariana Islands region (h = 250 km).			
		UME	iP	17 44 05.4			"	16	UPP	iP	11 22 21.6
			ipP	17 44 16.0				KIR	iP	11 21 41.8	
		Alaska Peninsula.						UME	iP	11 22 00.0	
		h = 35 km (UPP,KIR).						Near east coast of Honshu, Japan			
		m = 6.5 (UPP,KIR).						(h = 30 km).			
"	15	UPP	iP	02 43 53.4		"	16	KIR	iP	21 45 15.2	
		Philippine Islands region (h = 25 km).						Greenland Sea (h = 10 km).			
"	15	UPP	iP	11 39 04.3		"	17	UPP	iPKP	02 37 41.6	
		KIR	iP	11 37 28.0				KIR	iPKP	02 37 28.8	
		UME	iP	11 38 20.0				UME	iPKP	02 37 33.4	
		Greenland Sea (h = 10 km).						Vanuatu Islands (h = N).			
"	15	UPP	iP	13 27 42.8		"	17	UPP	iP	14 32 35.4	
		East of Kuril Islands (h = N).						Northern Molucca Sea (h = N).			
"	16	UPP	iP	03 35 11.9		"	17	UPP	iSn	23 47 03.8	
		UME	iP	03 35 17.4					iSg1	23 47 29.9	
		Pakistan (h = 30 km).						UME	iSg1	23 47 51.5	
"	16	UPP	i(PKP)	04 53 44.5				Off coast of southwestern Norway,			
			iPKP	04 53 51.7				61.8°N, 4.4°E.			
			iSKP1	04 57 16.4				Origin time = 23 43 58			
		KIR	i(PKP)	04 53 25.6				M _L (UPP) = 3.2 (0.15) 2.			
			iPKP	04 53 36.7				Felt.			
			iSKP1	04 56 52.0				By combination with Finnish station			
		UME	iPKP	04 53 43.4				readings.			
			iSKP1	04 57 02.5			"	18	UPP	iP	05 16 07.3
		Fiji Islands region (h = 180 km).						UME	iP	05 15 50.5	
"	16	UPP	iP	06 29 54.9				Mariana Islands (h = N).			
				micr	sec		"	18	UME	iPKP	07 23 03.2
			P	Z'	0.1 0.7			Kermadec Islands region (h = N).			
		KIR	iP	06 31 10.9			"	18	UPP	iP	09 39 16.3
		UME	iP	06 30 34.5				C			
		Greece (h = N).									

(cont).

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1995				1995					
Mar.	18	(cont). KIR	iP	09 38 42.6	Mar.	19	UPP eP	10 35 31	
				micr sec			UME iP	10 35 07.0	
			P	Z' 0.2 0.9			Near east coast of Honshu, Japan (h = N).		
		UME	iP	09 38 57.0		"	19	UPP iP	11 54 30.0
				South of Honshu, Japan (h = 100 km).				UME iP	11 54 05.2
"	18	UME	iP	14 18 18.7				Kuril Islands (h = 45 km).	
				Afghanistan-Tajikistan bord reg. (h = 65 km).	"	19	UPP iPKP	16 18 00.7	
							UME iPKP	16 17 58.5	
							Central east Pacific Rise (h = 10 km).		
"	18	UPP	iP	18 10 49.1 C	"	19	UPP iP	17 16 43.4	
			ipP	18 10 55.7			UME iP	17 16 47.9	
		KIR	iP	18 10 35.7			Northern Colombia (h = 35 km).		
			ipP	18 10 42.3					
				micr sec	"	19	UPP iP	17 31 41.7	
			P	Z' 0.1 1.0			Northern Colombia (h = N).		
		UME	iP	18 10 35.8					
			ipP	18 10 42.3	"	19	UPP iPdiff	18 48 19.2	
				Northern Xinjiang, China. h = 25 km (UPP,KIR,UME).			iS	19 00 24	
"	19	UPP	iP	00 48 38.3				micr sec	
				Flores region, Indonesia (h = 190 km).			Mx	Z 7.4 21	
							KIR	Mx	19 35
								micr sec	
"	19	UPP	iP	04 32 43.4			Mx	Z 8.4 21	
		KIR	iP	04 32 43.7			UME iP	18 48 11.4	
		UME	iP	04 32 40.3			Irian Jaya region, Indonesia (h = 20 km).		
				Nicobar Islands, India (h = 35 km).			M = 6.2 (UPP,KIR).		
"	19	UPP	iP	04 45 56.8	"	19	UPP iP	22 38 12.4	
		UME	iP	04 45 55.7			UME eP	22 38 15	
				Nicobar Islands, India (h = 30 km).			Northern Colombia (h = 170 km).		
"	19	UPP	iP	05 49 31.1	"	20	UPP iPdiff	00 07 28.9	
		UME	iP	05 50 05.9			i	00 07 34.2	
				Central Mediterranean Sea (h = 30 km).			i(PP)	00 11 23.7	
							iSKS	00 18 09	
							iS	00 19 32	
"	19	UME	iP	06 23 53.1				micr sec	
				Southeast of Ryukyu Islands (h = N).			Mx	Z 72 21	
							KIR	Mx	00 54
								micr sec	
"	19	UPP	iPdiff	10 06 50.2			Mx	Z 60 20	
		UME	iPdiff	10 06 37.0			UME iP	00 07 17.1	
				Tanimbar Islands reg. Indonesia (h = N).			iPP	00 11 35.6	
							iSKS	00 17 58	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995			1995		
Mar.	20	(cont). UME iS 00 19 01 Irian Jaya region, Indonesia (h = N). M = 7.1 (UPP,KIR).	Mar.	22	(cont). UME iP 00 52 04.5 Hindu Kush region, Afghanistan (h = 230 km).
"	20	UME iP 02 38 55.2 Irian Jaya region, Indonesia (h = N).	"	22	UPP iP 06 35 45.4 KIR iP 06 36 24.2 UME iP 06 35 59.3 Northern Iran (h = N).
"	20	UPP iPKP 04 11 43.5 UME iPKP 04 11 39.9 Santa Cruz Islands (h = 55 km).	"	22	UME iPKP 07 42 49.1 Solomon Islands (h = N).
"	20	UPP iP 10 03 53.8 KIR iP 10 03 52.8 UME iP 10 03 49.9 Northern Sumatera, Indonesia (h = 220 km).	"	22	UPP iP 13 18 18.6 KIR iP 13 17 25.3 Andreanof Islands, Aleutian Islands (h = N).
"	20	UPP iP 10 15 37.8 KIR iP 10 14 40.7 Kodiak Islands region (h = 55 km).	"	22	UPP iPKP 14 18 25.1 Fiji Islands region (h = 640 km).
"	20	UME iP 11 02 56.4 Iran Jaya region, Indonesia (h = N).	"	22	UPP iPKP2 20 03 39.6 KIR iPKP1 20 03 07.4 iPKP2 20 03 15.6 UME iPKP1 20 03 14.6 Cook Strait, New Zealand (h = 90 km).
"	20	UPP iP 15 01 52.6 El Salvador (h = 80 km).	"	22	UPP iP 22 35 57.3 C KIR iP 22 35 19.4 UME iP 22 35 35.7 Near s. coast of Honshu, Japan (h = 65 km).
"	21	UPP iP 07 51 20.0 KIR iP 07 51 29.5 UME iP 07 51 18.1 Afghanistan-Tajikistan bord reg. (h = 230 km).	"	23	KIR iP 02 21 15.0 UME iP 02 21 18.4 Northern Colombia (h = 10 km).
"	21	UPP iP 10 12 58.0 KIR iP 10 12 50.7 UME iP 10 12 46.7 Xizang (h = N).	"	23	UPP iP 05 30 49.6 Near east coast of Kamchatka (h = 130 km).
"	21	UPP iP 13 20 49.9 KIR iP 13 20 06.0 UME iP 13 20 26.3 Kuril Islands (h = N).	"	23	UPP iP 06 26 16.9 KIR iP 06 26 02.4 Southeastern China (h = N).
"	21	UPP iP 23 15 08.7 UME iP 23 15 02.6 Southern Molucca Sea (h = 65 km).	"	23	UPP iP 08 29 45.5 Mindoro, Philippine Islands (h = N).
"	22	UPP iP 00 52 06.1 (cont).	"	23	UPP iPKP 10 34 18.5 (cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Mar.	23	(cont). UME iPKP	10 34 16.4	Mar.	24	UPP iP UME iP	13 38 35.5 13 38 18.6
		Balleny Islands region (h = 10 km).				Mariana Islands region (h = N).	
"	23	KIR iP UME iP	11 48 07.3 11 48 22.0	"	24	UME iP	17 59 05.7
		Near east coast of Honshu, Japan (h = 45 km).				Mariana Islands region (h = N).	
"	23	UPP iP UME iP	12 24 06.6 12 24 41.4	"	24	UME iP	22 17 57.6
		Greece (h = 10 km).				Halmahera, Indonesia (h = N).	
"	23	UPP eP KIR iP UME iP	22 11 18 22 09 57.1 22 10 38.1	"	25	UPP iP i	07 26 43.5 10 53 22.1 10 53 27.4
		Norwegian Sea (h = 10 km).				Southern Sumatera, Indonesia (h = N).	
"	24	UPP iP	01 16 39.4			P Z' 0.1 0.8	
		Northern Colombia (h = 160 km).				KIR iP	10 52 37.0
"	24	UME iP	02 03 15.1			P Z' 0.1 0.9	
		Eastern Sea of Japan (h = 270 km).				UME iP	10 52 56.9
"	24	UPP iP i KIR iP UME iP	04 25 29.5 04 25 49.9 04 25 02.9 04 25 13.7			Kuril Islands (h = 55 km). m = 5.9 (UPP,KIR).	
		Taiwan (h = 45 km).		"	25	UPP iP KIR iP UME eP	11 29 57.1 11 30 40.0 11 30 14
"	24	UPP iPKP i UME iPKP	07 30 57.9 07 31 28.5 07 30 53.3			Western Iran (h = N).	
		South of Fiji Islands (h = 110 km).		"	25	UPP iPKP Mx Z 3.3 22	23 03 21.4 micr sec
"	24	UPP iP	08 47 30.0			KIR iPKP	23 03 07.8
		Rat Islands, Aleutian Islands (h = 180 km).				UME iPKP	23 03 13.9
"	24	UPP iP	12 00 59.4			Santa Cruz Islands (h = 80 km).	
		Kashmir-India border region (h = N).		"	26	UPP iPKP Mx Z 5.4 20	02 35 00.0 micr sec
"	24	KIR iP UME iP	12 01 04.2 12 00 56.5			KIR iPKP	02 35 14.2
						Mx Z 1.7 19	
"	24	UPP iP KIR iP UME iP	13 28 11.4 13 27 25.6 13 27 43.5			UME iPKP	02 35 08.6
		Kuril Islands (h = N).				South Sandwich Islands region (h = 50 km). M = 5.9 (UPP,KIR).	
"	26	UPP iP i	05 32 00.0 05 32 07.2				
		(cont).					

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DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

APRIL 1 - 30, 1995

1995					1995				
Apr.	1	UPP	iP	02 45 10.6	Apr.	1	UPP	iP	06 00 49.2
		KIR	iP	02 44 17.8				i	06 01 09.3
		UME	iP	02 44 44.4					micr sec
		Near Islands, Aleutian Islands (h = 45 km).						P	Z' 0.8 1.2
								Mx	Z 12 26
							KIR	iP	05 59 56.9
									micr sec
"	1	UPP	iP	04 00 52.8				P	Z' 0.4 1.4
			ipP	04 00 58.0				Mx	Z 7.3 21
				micr sec			UME	iP	06 00 21.7
			P	Z' 0.2 1.0			Off east coast of Kamchatka (h = 30 km). m = 6.5, M = 5.8 (UPP,KIR).		
			P	Z' 0.2 1.0					
		KIR	iP	04 00 14.4	"	1	UPP	iP	07 23 15.5
			ipP	04 00 19.6			UME	iP	07 22 49.8
				micr sec			Unimak Island region (h = N).		
			P	Z' 0.2 1.0	"	1	UPP	iPKP	08 07 35.8
			P	Z' 0.3 1.0			Fiji Islands region (h = 600 km).		
		UME	iP	04 00 31.1	"	1	UPP	iP	09 23 53.9
			i	04 00 32.8			KIR	iP	09 23 29.8
			ipP	04 00 36.1			Taiwan region (h = 130 km).		
		Eastern Honshu, Japan. h = 15 km (UPP,KIR,UME). m = 6.3 (UPP,KIR).			"	1	UME	iP	11 03 23.8
"	1	KIR	iP	04 55 44.3			Eastern Honshu, Japan (h = 10 km).		
		Iraq (h = N).			"	1	UPP	iP	18 07 03.2
"	1	UPP	iPKP1	05 26 08.0			KIR	iP	18 06 35.9
			iPKP2	05 26 14.1			UME	iP	18 06 47.8
		UME	iPKP1	05 25 54.9			Mariana Islands (h = 55 km).		
		Kermadec Islands region (h = 150 km).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Apr.	1	UPP iPKP1 UME iPKP1	21 10 40.3 21 10 30.5	Apr.	3	UPP iP UME iP	13 01 41.4 13 02 05.0
		South of Kermadec Islands (h = N).				Central Mid-Atlantic Ridge (h = 10 km).	
"	2	UPP iP UME iP	01 40 26.1 01 39 57.9	"	3	UPP iP UME iP	14 49 32.4 14 50 02.3
		Eastern Honshu, Japan (h = 10 km).				Portugal (h = 5 km).	
"	2	UPP iP UME iP	02 07 02.5 02 06 42.9	"	3	UME iPKP iSKP1	16 01 55.0 16 04 28.4
		South of Honshu, Japan (h = 70 km).				Fiji Islands region (h = 620 km).	
"	2	UPP iP KIR iP	02 09 07.7 02 09 17.6	"	3	UPP iP UME iP	20 15 27.5 20 15 38.9
		Hindu Kush region, Afghanistan (h = 200 km).				Southern Iran (h = N).	
"		UME iSg1	07 56 55.3	"	3	UPP iP	22 45 15.8
		Norwegian Sea, 66.6°N, 8.5°N. Origin time = 07 53 49. $M_L(\text{UPP}) = 3.1$ 1. By combination with Finnish and Norwegian station readings.				P	Z' 0.1 1.0
"	2	KIR iP	18 41 38.8	"	3	KIR iP UME iP	22 44 50.2 22 44 58.9
		Dodecanese Island. (h = 80 km).				Taiwan region (h = 25 km).	
"	3	UPP iP KIR iP UME iP	00 36 02.5 00 35 18.9 00 35 39.1	"	3	UPP iPKP1 KIR iPKP1 UME iPKP1	23 46 18.5 23 46 17.5 23 46 16.5
		Kuril Islands (h = 80 km).				West of Macquarie Island (h = 10 km).	
"	3	UPP iPKP	03 03 54.6 C	"	4	UPP iP KIR iP UME iP	02 14 31.1 02 14 03.6 02 14 15.3
		South of Fiji Islands (h = 500 km).				South of Mariana Islands (h = 20 km).	
"	3	UPP iP	12 06 31.2	"	4	UPP iPKP UME iPKP	03 11 30.1 03 11 25.6
			micr sec			South of Fiji Islands (h = 580 km).	
			P Z' 0.2 1.0	"	4	UPP iP KIR iP UME iP	05 56 39.1 05 56 31.0 05 56 31.7
			Mx Z 6.9 10			Myanmar (h = 20 km).	
		KIR iP	12 06 07.2	"	4	KIR iP UME iP	06 28 38.5 06 28 28.4
			micr sec			Hindu Kush region, Afghanistan (h = 230 km).	
			P Z' 0.2 1.0	"	4	UPP iP	07 18 28.0
		Mx Z	3.4 14			(cont).	
		UME iP	12 06 16.2				
		Taiwan region (h = N). m = 6.1, M = 6.0 (UPP,KIR).					
"	3	UPP iP	12 41 17.5				
		Azores Islands region (h = 10 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Apr.	4	(cont.) UPP iS	07 25 09	Apr.	5	UPP iP	07 57 43.2
			micr sec			KIR iP	07 58 49.6
		Mx Z	4.2 22			UME iP	07 58 14.2
		KIR iP	07 18 53.8			Eastern Mediterranean Sea (h = 25 km).	
		UME iP	07 18 43.2				
		iS	07 25 36	"	5	UPP iP	09 01 04.7
		Northern Mid-Atlantic Ridge (h = 10 km).				KIR iP	09 01 04.0
"	4	UME iP	11 28 51.9			UME iP	09 01 02.2
		Off east coast of Honshu, Japan (h = N).				Sunda Strait (h = 80 km).	
"	4	UPP iP	11 41 59.9	"	5	UME iP	09 43 44.3
		UME iP	11 41 36.6			Northeast of Taiwan (h = 130 km).	
		Off east coast of Honshu, Japan (h = 35 km).		"	5	UPP iP	15 03 23.9
"	4	UPP iP	15 17 49.5				micr sec
		UME iP	15 17 28.8			P Z'	0.1 0.7
		Off east coast of Honshu, Japan (h = N).				KIR iP	15 02 52.7 D
"	4	UPP iP	15 38 29.3				micr sec
		KIR iP	15 38 45.3			P Z'	0.1 0.6
		UME iP	15 38 33.6			UME iP	15 03 05.9 D
		India-Pakistan border reg. (h = 20 km).				Bonin Islands region (h = 480 km). m = 5.4 (UPP,KIR).	
"	4	UPP iP	17 34 15.5	"	6	KIR iPKP	05 21 10.5
		KIR iP	17 33 57.6			UME iPKP	05 21 17.0
		UME iP	17 34 02.2			Vanuatu Islands (h = 30 km).	
		Mindanao, Philippine Islands (h = 100 km).		"	6	UPP iP	08 41 36.6
"	5	UPP iP	00 32 08.5			KIR iP	08 40 42.8
		UME iP	00 31 50.6			UME iP	08 41 10.1
		Northeast of Taiwan (h = 100 km).				South of Alaska (h = N).	
"	5	UPP iPKP	02 42 52.7	"	6	UPP iPKP	15 57 37.6
		KIR iPKP	02 42 38.1			Eastern New Guinea reg. (h = 100 km).	
		UME iPKP	02 42 43.3	"	6	UPP iP	21 00 43.2
		Vanuatu Islands (h = 220 km).				KIR iP	21 00 24.8
"	5	KIR iP	04 35 49.6			Leyte, Philippine Islands (h = 40 km).	
		UME iP	04 36 07.2	"	7	UPP iP	01 03 36.1
		Eastern Honshu, Japan (h = 10 km).				UME eP	01 03 09
"	5	KIR iP	04 35 49.6			Kuril Islands (h = N).	
		UME iP	04 36 07.2	"	7	KIR iP	02 34 13.3
		Eastern Honshu, Japan (h = 10 km).				UME iP	02 34 14.6
						Southern Molucca Sea (h = 35 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Apr.	7	KIR	iP	10 20 57.4	Apr.	8	UPP	iP	17 57 27.6 C
				South Sandwich Islands region (h = 90 km).				iPP	18 00 56.0
								iSKS	18 07 24
"	7	UPP	iPKP	16 19 50.6					micr sec
		UME	ePKP	16 19 52				P	Z' 1.0 1.0
				Near coast of northern Chile (h = 65 km).				Mx	Z 3.9 17
"	7	UPP	e(PKP)	22 26 01			KIR	iP	17 56 59.2
			iPKP	22 26 11.0					micr sec
			iPP	22 28 41.3				P	Z' 1.2 0.7
			i	22 38 06.0				Mx	Z 3.3 20
				micr sec			UME	iP	17 57 11.6
		Mx	Z	324 26				iSKS	18 06 28
		KIR	e(PKP)	22 25 53					Mariana Islands region (h = 270 km). m = 6.7, M = 5.7 (UPP,KIR). M uncorrected for focal depth.
			iPKP	22 25 59.8	"	8	UPP	iP	19 24 23.4
			iPP	22 27 52.7					micr sec
				micr sec				P	Z' 0.5 1.1
		Mx	Z	102 20			KIR	iP	19 23 30.4
		UME	i(PKP)	22 25 58.7					micr sec
			iPKP	22 26 06.9				P	Z' 0.2 1.2
			iPP	22 28 21.9			UME	iP	19 23 55.5
				Tonga Islands (h = 20 km). M = 7.7 (UPP,KIR).					Off east coast of Kamchatka (h = 40 km). m = 6.3 (UPP,KIR).
"	8	KIR	iPKP	01 39 08.6	"	8	UPP	iP	19 24 23.4
		UME	iPKP	01 39 12.5					micr sec
				Tonga Islands (h = 40 km).				P	Z' 0.5 1.1
"	8	UPP	iP	05 18 39.2	"	9	UPP	iP	04 56 44.9
		KIR	iP	05 18 09.2					micr sec
				Volcano Islands region (h = 150 km).				P	Z' 0.1 0.7
"	8	UME	iP	06 34 28.3			KIR	iP	04 56 23.3
				Southern Molucca Sea (h = 60 km).					micr sec
"	8	UPP	iP	08 30 44.4				P	Z' 0.1 1.0
		KIR	eP	08 31 48			UME	iP	04 56 31.1
		UME	iP	08 31 10.2					Taiwan region (h = 35 km). m = 5.8 (UPP,KIR).
				Turkey (h = 70 km).	"	9	KIR	iP	07 27 51.4
"	8	UPP	iP	14 47 53.6					Kuril Islands (h = N).
		KIR	eP	14 47 38	"	9	UPP	iP	09 43 26.7
		UME	iP	14 47 43.8			UME	iP	09 43 08.9
				Tonga Islands (h = 35 km).					Bonin Islands region (h = 500 km).
"	8	UME	iPKP	16 54 41.4	"	9	UPP	iP	10 27 01.5
				Tonga Islands (h = 30 km).					

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995			1995		
Apr.	9	(cont). KIR eP 10 26 54 UME iP 10 26 53.2 Myanmar-India border region (h = 40 km).	Apr.	11	UPP iPKP 10 59 37.1 KIR ePKP 10 59 23 Kermadec Islands region (h = 80 km).
"	10	UPP iP 01 28 02.4 Kyushu, Japan (h = 30 km).	"	11	UPP eP 12 11 48 UME iP 12 12 22.9 Sicily (h = N).
"	10	UPP iP 03 22 53.3 KIR iP 03 22 20.7 UME iP 03 22 33.9 Kyushu, Japan (h = 20 km).	"	11	UME ePg1 13 43 18 iSg1 13 43 35.9 iRg 13 43 39.4 Västerbotten, Sweden, 65.0°N, 20.7°E Origin time = 13 42 56. Near surfare event. By combination with Finnish station readings.
"	10	UPP iP 06 44 05.9 South of Honshu, Japan (h = 300 km).	"	11	UME iP 18 44 29.3 Kuril Islands (h = 130 km).
"	10	UME iP 09 44 42.4 Myanmar-India border region (h = N).	"	11	KIR iP 20 10 23.6 UME iP 20 11 09.4 Franz Josef Land (h = 10 km).
"	10	UPP iP 10 03 07.1 KIR iP 10 02 47.0 Taiwan region (h = 25 km).	"	11	KIR iP 20 39 48.6 UME iP 20 40 04.2 Sea of Japan (h = 380 km).
"	10	UPP iPKP 11 18 26.6 D'entrecasteaux Islands region (h = 20 km).	"	11	UPP iPKP 21 52 44.5 KIR iPKP 21 52 29.0 UME iPKP 21 52 33.1 i 21 52 47.8 Kuril Islands (h = N).
"	10	UPP iPKP 13 11 35.5 UME iPKP 13 11 24.5 Kermadec Islands region (h = N).	"	12	KIR iP 02 49 41.9 UME iP 02 50 03.2 Off east coast of Honshu, Japan (h = N).
"	10	UPP iP 13 12 53.3 KIR iPKP 13 12 38.1 UME iPKP 13 12 42.5 Kermadec Islands region (h = 35 km).	"	12	UPP iP 05 34 30.8 KIR iP 05 33 52.0 UME iP 05 34 08.7 Near east coast of Honshu, Japan (h = 55 km).
"	10	UPP iP 13 54 02.7 Kenai Peninsula, Alaska (h = 60 km).	"	12	UPP iP 06 28 32.6 KIR iP 06 28 39.6 UME iP 06 28 30.8 Tajikistan (h = N).
"	10	UPP iP 19 33 21.1 UME iP 19 33 20.4 Hindu Kush region, Afghanistan (h = 100 km).			
"	10	UPP iPKP 23 23 53.3 UME iPKP 23 23 42.3 Kermadec Islands region (h = 70 km).			

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1995				1995					
Apr.	12	UPP	iP	18 35 30.3	Apr.	13	KIR	iP	19 15 51.3
		KIR	iP	18 35 32.9			Southern Molucca Sea (h = N).		
		UME	iP	18 35 35.0					
		Near west coast of Colombia (h = 45 km).			"	13	UPP	iP	20 28 45.0
							KIR	iP	20 29 41.9
							Turkey (h = 25 km).		
"	13	UPP	iPKP	02 52 36.2	"	13	UPP	iP	23 54 51.4
			iPP	02 55 02.0			KIR	iP	23 54 07.2
		KIR	iPKP	02 52 22.1			UME	iP	23 54 28.1
		UME	iPKP	02 52 28.0			Kuril Islands (h = 55 km).		
		Vanuatu Islands region (h = 640 km).							
"	13	UPP	eP	03 05 28	"	14	UPP	iP	00 44 54.4
			iPP	03 07 53.1					micr sec
		KIR	iP	03 05 10.7				P	Z' 0.2 1.0
		UME	iP	03 05 18.9				Mx	Z 5.1 22
		Vanuatu Islands region (h = 600 km).					KIR	iP	00 44 29.6
									micr sec
"	13	UPP	iP	03 17 09.9				P	Z' 0.5 1.5
			iPP	03 19 37.4				Mx	Z 6.6 20
		KIR	iP	03 16 59.8			UME	iP	00 44 44.9
		UME	iP	03 17 03.8			Western Texas (h = 20 km).		
		Vanuatu Islands region (h = 640 km).					m = 6.2, M = 5.8 (UPP,KIR).		
"	13	UPP	eP	04 12 32	"	14	UPP	iP	09 08 39.8
		KIR	iP	04 13 46.0			North of Ascension Island		
		UME	iP	04 13 09.3			(h = 10 km).		
		Turkey (h = 25 km).			"	14	UPP	iPKP	13 34 15.7
"	13	UPP	eP	04 29 45					micr sec
		KIR	iP	04 29 28.1				Mx	Z 4.9 25
		UME	iP	04 29 35.2			KIR	Mx	14 29
		Southern Molucca Sea (h = 30 km).							micr sec
								Mx	Z 9.6 23
"	13	UPP	Mx	06 48			Southwestern Atlantic Ocean		
				micr sec			(h = 10 km).		
			Mx	Z 3.1 18			M = 6.2 (UPP,KIR).		
		KIR	Mx	06 52	"	14	UPP	iP	14 25 59.2
				micr sec			KIR	iP	14 26 02.8
			Mx	Z 1.7 22			UME	iP	14 26 04.2
		Loyalty Islands region (h = 15 km).					Ecuador (h = 170 km).		
		M = 5.9 (UPP,KIR).							
"	13	UPP	iP	15 13 23.1	"	14	UPP	iP	19 30 05.3
		UME	iP	15 13 27.4			UME	iP	19 30 01.7
		South of Panama (h = 10 km).					Afghanistan-Tajikistan bord reg.		
							(h = 110 km).		
"	13	UPP	iPKP1	17 40 18.6	"	14	UPP	iP	20 18 36.8
			iPKP2	17 40 22.7			KIR	iP	20 17 24.2
		Kermadec Islands, New Zealand (h = N).					(cont).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Apr.	14	(cont). UME iP	20 18 01.8	Apr.	16	UPP i(PKP) iPKP	20 55 25.0 20 55 34.2
		Jan Mayen Island region (h = 10 km).				UME i(PKP) iPKP	20 55 14.3 20 55 24.6
						Tonga Islands (h = 30 km).	
"	14	UPP iPKP1 iPKP2 KIR iPKP1 UME iPKP1	23 27 50.9 23 28 06.1 23 27 33.7 23 27 41.9	"	17	UPP iPKP	01 33 08.7
		Off e. coast of N. Island, N.Z. (h = N).				Mx Z	4.5 22
						KIR Mx	02 24
						Mx Z	3.8 20
"	15	UPP iP UME iP	01 36 24.4 01 36 03.9			UME iPKP	01 33 01.5
		Northeastern China (h = 30 km).				Solomon Islands (h = 10 km). M = 6.0 (UPP,KIR).	
"	15	UPP iP KIR iP	05 47 31.2 05 46 46.3	"	17	UPP iP KIR iP	01 41 53.3 01 41 55.8
			micr sec			UME eP	01 41 46
			P Z'			Nepal (h = 20 km).	
		UME iP	05 47 06.1	"	17	UPP iP	07 22 48.5
		Kuril Islands (h = 50 km).				ipP	07 22 51.7
"	15	UPP iP KIR iP UME iP	23 20 47.6 23 19 54.7 23 20 19.3			iS	07 29 24
		Kamchatka (h = 440 km).				P Z'	0.2 1.0
						Mx Z	7.8 22
"	16	UPP iPKP	13 42 42.6			KIR iP	07 23 12.2
			micr sec			ipP	07 23 15.3
			Mx Z			P Z'	0.3 1.5
		KIR iPKP	13 42 30.5			Mx Z	3.4 16
			micr sec			UME iP	07 23 03.6
			Mx Z			ipP	07 23 07.1
		UME iPKP	13 42 38.1			iS	07 24 55.8
		Solomon Islands (h = 20 km). M = 5.9 (UPP,KIR).				Northern Mid-Atlantic Ridge. h = 10 km (UPP,KIR,UME). m = 5.9, M = 5.5 (UPP,KIR).	
"	16	UPP iP	14 03 48.1	"	17	UPP iPKP	09 00 45.1
		Qinghai, China (h = N).				South of Fiji Islands (h = 560 km).	
"	16	UPP iP KIR iP UME iP	16 49 59.1 16 50 37.7 16 50 11.5	"	17	UPP iPKP KIR iPKP UME iPKP	09 11 07.0 09 11 24.1 09 11 15.6
		Southern Iran (h = N).				South Sandwich Islands region (h = N).	
"	16	UPP iP KIR iP UME iP	18 13 38.3 18 13 05.7 18 13 18.1	"	17	UPP iP KIR iP	12 15 12.6 12 15 07.5
		Bonin Islands region (h = N).				(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Apr.	17	(cont). UME iP	12 15 11.5	Apr.	17	UPP iPKP	17 06 32.2
		Near coast of Nicaragua (h = 30 km).				iSKP1	17 09 05.7
						UME iPKP	17 06 26.4
"	17	KIR iPg1	12 41 10.3			iSKP1	17 09 00.7
		iSg1	12 41 28.4			Fiji Islands region (h = 660 km).	
		Finland-Norway border region, 68.6°N, 23.5°E. Origin time = 12 40 46. $M_L(\text{UPP}) = 2.5$ 1. Felt. By combination with Finnish station readings.		"	17	UPP iP	18 06 17.0
						KIR iP	18 05 26.2
						UME iP	18 05 51.5
						Sakhalin Island (h = N).	
"	17	UPP iP	13 04 08.3	"	17	UPP iP	18 27 05.2
		UME iP	13 04 21.7			KIR iP	18 26 42.3
						UME iP	18 26 49.0
						Russia-Mongolia border region (h = N).	
"	17	UPP iPg1	13 49 41.9	"	17	UPP iP	23 39 04.5
		iSn	13 50 23.0			iS	23 47 56
		iSg1	13 50 42.5				micr sec
		KIR iPn	13 49 07.2			P	Z' 0.1 0.7
		iPg1	13 49 14.9			Mx	Z 90 24
		iSg1	13 49 56.9			KIR iP	23 38 17.2
		UME iPg1	13 48 28.1 C				micr sec
		i	13 48 30.2			P	Z' 0.2 0.7
		i	13 48 35.1			Mx	Z 76 21
		iSg1	13 48 37.5			UME iP	23 38 38.6
		DEL iSg1	13 52 43.0			iS	23 47 06
		MYV iPn	13 49 07.0			Kuril Islands (h = 25 km). m = 6.3, M = 6.8 (UPP,KIR).	
		iPg1	13 49 11.2				
		iSn	13 49 42.2	"	18	UPP iPdiff	04 03 55.0
		iSg1	13 49 53.4			iPP	04 08 34.0
		Västerbotten, Sweden, 64.6°N, 20.6°E. Origin time = 13 48 13. $M_L(\text{UPP}) = 3.6$ (0.14) 3. Felt, with maximum intensity $I_0 = V(\text{MM})$. By combination with Finnish and Norwegian station readings.				iPS	04 17 48
							micr sec
						Mx	Z 3.3 22
						KIR iP	04 03 33.8
						iPP	04 07 56.4
							micr sec
						Mx	Z 1.9 18
						UME iP	04 03 43.0
"	17	UPP iPKP	14 46 25.7			iPS	04 17 12
		KIR iPKP	14 46 12.2			Near north coast of Irian Jaya (h = 20 km). M = 5.7 (UPP,KIR).	
		UME iPKP	14 46 17.6				
		Santa Cruz Islands (h = 50 km).					
"	17	UPP iPKP1	15 41 13.6	"	18	UPP iP	05 34 55.4
		UME iPKP1	15 41 05.0				micr sec
		Kermadec Islands region (h = N).				P	Z' 0.1 1.0
						Mx	Z 2.6 21
						(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995				
Apr.	18	(cont.) KIR	iP	05 34 08.3	Apr.	19	UPP iPKP Kermadec Islands region (h = N).	04 35 41.5
				micr sec				
			P	Z' 0.1 0.9	"	19	UPP iP	12 02 04.0
			Mx	Z 1.9 20				
		UME	iP	05 34 29.8	"	20	UPP iP	06 07 17.8
		Kuril Islands (h = N).					Talaud Islands, Indonesia (h = 90 km).	
		m = 5.9, M = 5.3 (UPP,KIR).						
"	18	UPP	iP	05 40 34.7		20	UPP iP	08 58 18.5
		KIR	iP	05 41 47.9			iPP	09 02 02.7
		UME	iP	05 41 11.3				micr sec
		Turkey (h = 10 km).					P	Z' 0.2 1.0
							Mx	Z 6.1 19
						KIR	iP	08 58 01.5
"	18	UPP	iP	06 19 30.5				micr sec
			ipP	06 19 35.5			P	Z' 0.9 1.3
		KIR	iP	06 20 11.0			Mx	Z 4.1 17
		UME	iP	06 19 45.6			UME iP	08 58 08.6
			ipP	06 19 51.2			Mindanao, Philippine Islands	
		Western Iran.					(h = 90 km).	
		h = 20 km (UPP,UME).					m = 6.6, M = 6.0 (UPP,KIR).	
							M uncorrected for focal depth.	
"	18	UPP	iP	11 37 56.7	"	20	UPP iP	20 53 55.3
		KIR	iP	11 37 19.9			KIR iP	20 53 35.4
		Near s. coast of Honshu, Japan					Samar, Philippine Islands	
		(h = 25 km).					(h = 25 km).	
"	18	UPP	iP	15 17 10.5	"	20	UPP iP	21 00 06.1
		KIR	iP	15 17 12.0				micr sec
		Nicobar Islands, India (h = 25 km).					P	Z' 0.1 1.0
"	18	UPP	iP	15 22 12.3			KIR iP	20 59 19.1
		Nicobar Islands, India (h = 25 km).					P	Z' 0.1 0.9
"	18	KIR	iP	19 14 40.0			UME iP	20 59 41.7
		Western Caroline Islands (h = N).					Kuril Islands (h = 25 km).	
							m = 5.9 (UPP,KIR).	
"	18	UPP	iP	19 17 32.2	"	20	KIR iPKP1	22 40 46.2
							UME iPKP1	22 40 54.3
"	19	UPP	iP	04 01 07.1			Off e. coast of N. Island, N.Z.	
				micr sec			(h = N).	
			P	Z' 0.1 1.1				
			Mx	Z 4.9 20	"	21	UPP iP	00 15 38.9
		KIR	iP	04 00 21.2			ipP	00 15 47.8
				micr sec				micr sec
			Mx	Z 5.3 18			P	Z' 0.1 1.0
		UME	iP	04 00 42.2			KIR iP	00 15 20.8
		Kuril Islands (h = 25 km).					ipP	00 15 29.7
		M = 5.7 (UPP,KIR).						micr sec
							P	Z' 0.2 0.9

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Apr.	22	UME iP	14 57 49.1	Apr.	23	UPP iP	05 41 22.4
		Samar, Philippine Islands (h = N).				KIR iP	05 41 00.2
"	22	UPP iP	17 44 15.7			UME iP	05 41 07.2
		Northern Colombia (h = 160 km).				Samar, Philippine Islands (h = N).	
"	22	UPP iP	21 54 53.9	"	23	UPP iP	05 42 52.7
		KIR iP	21 54 35.2			KIR iP	05 42 34.3
		UME iP	21 54 42.0			UME iP	05 42 40.8
		Samar, Philippine Islands (h = N).				Samar, Philippine Islands (h = N).	
"	23	UPP iP	03 06 54.4	"	23	UPP iP	06 08 38.9
		i	03 06 58.0			KIR iP	06 08 19.8
		iS	03 15 48			UME iP	06 08 27.6
		iP'P'	03 35 06.5			Samar, Philippine Islands (h = N).	
			micr sec	"	23	UPP iP	06 09 48.1
		P	Z' 1.4 0.9			KIR iP	06 09 30.7
		Mx	Z 21 23			UME iP	06 09 34.2
		KIR iP	03 06 01.4			Samar, Philippine Islands (h = N).	
		iP'P'	03 35 24.3	"	23	UPP iP	06 50 25.8
			micr sec			KIR iP	06 50 09.6
		P	Z' 1.4 2.0			UME iP	06 50 15.5
		Mx	Z 15 18			Mindanao, Philippine Islands	
		UME iP	03 06 27.1			(h = 530 km).	
		iP'P'	03 35 17.2	"	23	UPP iP	07 34 08.0
		iS	03 15 00				micr sec
		Rat Islands, Aleutian Islands				P	Z' 0.1 1.1
		(h = 15 km).				KIR iP	07 33 49.8
		m = 7.0, M = 6.2 (UPP,KIR).					micr sec
"	23	UPP iP	04 42 57.2			P	Z' 0.1 1.0
		KIR iP	04 42 29.4			UME iP	07 33 56.0
		UME iP	04 42 41.4			Samar, Philippine Islands	
		Mariana Islands (h = 520 km).				(h = 30 km).	
"	23	UPP iP	05 20 50.1			m = 5.9 (UPP,KIR).	
		iSKS	05 31 16	"	23	UPP iP	08 59 10.5
			micr sec			KIR iP	08 58 52.2
		P	Z' 0.4 1.3			UME iP	08 58 58.3
		Mx	Z 45 17			Samar, Philippine Islands (h = N).	
		KIR iP	05 20 32.2	"	23	UPP eP	08 59 26
			micr sec			KIR iP	08 59 09.3
		P	Z' 0.7 1.2			UME iP	08 59 15.8
		Mx	Z 26 14			Samar, Philippine Islands (h = N).	
		UME iP	05 20 38.5	"	23	UPP iP	09 57 49.8
		i	05 20 39.2			UME iP	09 57 37.8
		Samar, Philippine Islands				Samar, Philippine Islands (h = N).	
		(h = 25 km).					
		m = 6.7, M = 6.8 (UPP,KIR).					

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1995				1995			
Apr.	27	UME iP	12 30 03.8	Apr.	28	(cont).	
		Samar, Philippine Islands (h = N).				UPP iS	16 50 08
							micr sec
"	27	UPP iP	12 58 02.6			Mx	Z 67 17
		iSKS	13 08 38			KIR iP	16 40 15.7
			micr sec			iP'P'	17 09 31.7
		Mx	Z 3.8 19				micr sec
		KIR Mx	13 41			P	Z' 0.6 1.0
			micr sec			Mx	Z 45 17
		Mx	Z 3.1 17			UME iP	16 40 36.5
		Off coast of Ecuador (h = 20 km).				eS	16 49 23
		M = 5.8 (UPP,KIR).				Kuril Islands (h = 30 km).	
						M = 6.8 (UPP,KIR).	
"	28	UPP iPKP	05 02 07.1	"	28	UPP iP	17 19 43.4
		KIR iPKP	05 01 55.2			KIR iP	17 18 57.1
		UME iPKP	05 02 01.7				micr sec
		Vanuatu Islands (h = 200 km).				P	Z' 0.1 1.0
"	28	UPP iP	05 43 29.1			UME iP	17 19 19.1
		Mindanao, Philippine Islands (h = 150 km).				Kuril Islands (h = 35 km).	
"	28	UPP iP	06 30 55.5	"	28	UPP iP	17 55 16.5
		KIR iP	06 32 01.5			i	17 55 23.4
		Eastern Mediterranean Sea (h = 25 km).				KIR iP	17 55 50.2
						i	17 55 56.7
						UME eP	17 55 27
						South Indian Ocean (h = 10 km).	
"	28	KIR iP	07 37 10.0	"	28	UPP iP	21 57 36.1
		UME iP	07 37 34.6			KIR iP	21 56 50.6
		Rat Islands, Aleutian Islands (h = N).				UME iP	21 57 12.0
						East of Kuril Islands (h = 40 km).	
"	28	KIR iP	09 02 22.0	"	29	UPP iP	04 46 27.0
		Rat Islands, Aleutian Islands (h = N).				KIR iP	04 45 40.2
						UME iP	04 46 02.5
						Kuril Islands (h = 35 km).	
"	28	KIR iPKP	10 18 32.1	"	29	UPP iP	09 56 52.4
		UME iPKP	10 18 36.7			iSKS	10 07 18
		Tonga Islands (h = 10 km).				iS	10 07 36
							micr sec
"	28	KIR iP	11 39 39.2			Mx	Z 7.0 15
		Unimak Island region (h = N).				KIR iP	09 56 33.6
							micr sec
"	28	KIR iP	14 15 52.2			P	Z' 0.1 1.0
		Southern Sumatera, Indonesia (h = 65 km).				Mx	Z 5.5 13
"	28	UPP iP	16 41 01.4			UME iP	09 56 42.9
		(cont).				(cont).	

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1995					1995			
Apr.	29	(cont).			Apr.	30	KIR eP	06 12 59
		UME iSKS	10 07 06				Samar, Philippine Islands (h = N).	
		Samar, Philippine Islands						
		(h = 15 km).						
		M = 6.1 (UPP,KIR).						
"	29	KIR iP	12 02 01.0					
		UME iP	12 01 39.5					
		Zaire (h = 10 km).						
"	29	UPP iPKP1	14 18 17.0					
		KIR iPKP1	14 17 54.6					
		UME iPKP1	14 18 05.6					
		Samar, Philippine Islands (h = N).						
"	29	KIR eP	14 15 30					
		Samar, Philippine Islands (h = N).						
"	29	KIR iP	15 50 48.6					
		Samar, Philippine Islands						
		(h = 30 km).						
"	29	KIR iP	17 05 26.4					
		Samar, Philippine Islands						
		(h = 40 km).						
"	29	UPP iP	18 47 27.4					
		KIR iP	18 46 55.6					
		UME iP	18 47 08.6					
		Kyushu, Japan (h = 35 km).						
"	29	UME iPKP1	23 57 33.2					
		South of Kermadec Islands (h = N).						
"	30	KIR iP	01 21 48.5					
		UME iP	01 21 52.7					
		Samar, Philippine Islands						
		(h = 40 km).						
"	30	KIR eP	01 42 12					
		Samar, Philippine Islands						
		(h = 35 km).						
"	30	KIR ePKP	03 14 36					
		UME iPKP	03 14 44.0					
		Fiji Islands region (h = 45 km).						
"	30	KIR eP	04 36 14					
		Crete (h = 20 km).						

December 2, 1996

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Ota Kulhánek
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1995				1995					
May	2	(cont).		May	3	(cont).			
		KIR	iP	06 30 03.8		UME	iPKP1	00 12 55.0	
		UME	iP	06 30 24.1		West of Macquarie Island			
		Kuril Islands (h = N).				(h = 10 km).			
						M = 6.0 (UPP,KIR).			
"	2	DEL	iPg1	07 00 27.6	"	3	UPP	iP	02 17 38.7
			iSg1	07 00 46.8			KIR	eP	02 17 38
		Kattegatt, 56.3°N, 11.1°E.				Andaman Islands, India (h = N).			
		Origin time = 07 00 02							
		M _L (UPP) = 2.1 1.							
		By combination with Norwegian station readings.							
"	2	UPP	iP	11 56 04.6	"	3	UPP	iP	02 57 20.6
			i	11 56 11.7			KIR	iP	02 57 57.7
			iS	12 02 24.0			UME	iP	02 57 32.5
			i	12 05 40.0			Southern Iran (h = N).		
				micr sec					
			P	Z' 0.3 0.8	"	3	KIR	iP	05 51 56.2
			Mx	Z 4.6 11			UME	iP	05 52 02.8
		KIR	iP	11 55 50.9			Philippine Islands region (h = N).		
				micr sec					
			P	Z' 0.3 1.0	"	3	UME	iPKP1	15 59 48.3
			Mx	Z 1.4 9			Kermadec Islands region		
		UME	iP	11 55 50.3			(h = 500 km).		
			i	11 55 57.3	"	3	UME	iP	19 01 45.7
			iS	12 02 15			Greece (h = 10 km).		
		Northern Xinjiang, China (h = N).							
		m = 6.0, M = 5.4 (UPP,KIR).							
"	2	UPP	iPKP1	13 36 37.0	"	3	UPP	eP	21 41 21
		KIR	iPKP1	13 36 17.9				micr sec	
		UME	iPKP1	13 36 25.1				Mx Z 1.0 11	
		North Island, New Zealand				KIR	eP	21 42 40	
		(h = 140 km).						micr sec	
								Mx Z 1.0 9	
"	2	UPP	iP	15 56 55.7	"	3	UME	eP	21 42 01
		Greece-Albania border region				Greece (h = 10 km).			
		(h = 10 km).				M = 4.5 (UPP,KIR).			
"	3	UPP	iP	00 01 34.1	"	3	UPP	iP	21 47 54.1
		Rat Islands, Aleutian Islands						micr sec	
		(h = 55 km).					Mx	Z 1.3 11	
						KIR	iP	21 49 10.9	
								micr sec	
							Mx	Z 1.4 11	
"	3	UPP	ePKP1	00 12 53	"	3	UME	iP	21 48 30.3
				micr sec			Greece (h = 10 km).		
			Mx	Z 3.0 24			M = 4.6 (UPP,KIR).		
		KIR	iPKP2	00 13 17.7	"	4	UPP	iP	00 38 38.8
				micr sec				iS	00 42 18
			Mx	Z 3.0 19					micr sec
		(cont).					Mx	Z 11.2 10	
						(cont).			

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1995				1995				
May	5	(cont).		May	5	UPP	eP	13 15 44
		KIR	iP				iPP	13 20 05.2
		UME	iP					micr sec
							Mx	Z 1.5 18
		Samar, Philippine Islands (h = N).				KIR	iP	13 15 34.0
"	5	UPP	iP				iPP	13 19 46.1
		KIR	iP					micr sec
							Mx	Z 1.7 19
			P			UME	iP	13 15 38.9
			Z' 0.1 1.2				iPP	13 19 50.8
		Samar, Philippine Islands (h = N).				Sumbawa region, Indonesia (h = N).		
						M = 5.5 (UPP,KIR).		
"	5	UPP	eP					
		Samar, Philippine Islands (h = N).		"	5	UME	iPKP	16 27 16.1
						Samoa, Islands region (h = N).		
"	5	UPP	iP					
		KIR	iP			UPP	iP	17 32 54.5
		UME	iP				iPP	17 36 52.8
		Samar, Philippine Islands (h = N).		"	5	KIR	iP	17 32 48.3
							iPP	17 36 50.1
"	5	UPP	eP			UME	iP	17 32 47.6
		KIR	iP				iPP	17 36 53.0
		UME	iP			Jawa, Indonesia (h = 80 km).		
		Samar, Philippine Islands (h = N).		"	5	UPP	eP	20 42 49
"	5	UPP	iP					
		KIR	iP			"	5	KIR
		UME	iP				iP	22 00 05.4
		Samar, Philippine Islands (h = N).				UME	iP	22 00 51.3
						North of Svalbard (h = 10 km).		
"	5	UPP	iP			"	5	UPP
		KIR	iP				iPKP	23 07 05.7
		UME	iP				iPKP	23 06 51.2
		Eastern Gulf of Aden (h = 10 km).				UME	iPKP	23 06 59.7
						Vanuatu Islands (h = 120 km).		
"	5	UPP	iP			"	5	KIR
		KIR	iP				iPKP	23 09 42.3
		UME	iP				iPKP	23 09 48.9
		Jawa, Indonesia (h = 65 km).				Fiji Islands region (h = 400 km).		
"	5	UPP	iP			"	6	UPP
		UME	iP				iP	00 47 05.3
		Samar, Philippine Islands (h = N).				UME	iP	00 46 37.8
						Rat Islands, Aleutian Islands (h = N).		
"	5	UPP	iP			"	6	UPP
		KIR	iP				iP	00 50 52.4
		UME	iP				iP	00 50 24.0
		Minahassa Peninsula, Sulawesi (h = 90 km).				Rat Islands, Aleutian Islands (h = N).		

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1995				1995					
May	6	UPP KIR UME	iP iP iP	01 09 03.5 01 08 17.7 01 08 39.2	May	6	UPP UME	iPKP iPKP	16 45 27.3 16 45 23.2
		Kuril Islands (h = N).					South of Kermadec Islands (h = 100 km).		
"	6	UPP	iP	02 09 20.7 C	"	6	UME	iP	20 03 53.3
			i	02 09 33.9			Mariana Islands region (h = 35 km).		
			i	02 13 46		6	UME	eP	20 58 19
			iS	02 17 38			Gulf of California (h = 10 km).		
				micr sec		6	KIR	iP	04 28 34.7
			P	Z' 2.6 1.0			Samar, Philippine Islands (h = N).		
			Mx	Z 20 17		6	KIR	iP	04 28 34.7
		KIR	iP	02 09 12.7 C		7	UME	iP	05 25 50.7
				micr sec			Near east coast of Honshu, Japan (h = 40 km).		
			P	Z' 0.4 0.9		7	KIR	iP	20 53 26.5
			Mx	Z 11 16			UME	iP	20 53 28.3
		UME	iP	02 09 12.1 C			Samar, Philippine Islands (h = N).		
			ipP	02 09 41.0		7	UPP	Mx	23 55
			iS	02 17 23.0					micr sec
		Myanmar (h = 120 km).						Mx	Z 1.4 20
		m = 6.8, M = 6.2 (UPP,KIR).					KIR	iPKP	22 57 28.4
		M uncorrected for focal depth.							micr sec
"	6	UPP	iP	02 41 07.5				Mx	Z 1.6 21
		KIR	iP	02 40 59.1			UME	iPKP	22 57 34.8
		UME	iP	02 40 58.3			Tonga Islands (h = 20 km).		
		Myanmar (h = 120 km).					M = 5.6 (UPP,KIR).		
"	6	UPP	iP	03 09 34.5	"	7	UME	iP	03 34 13.1
		KIR	iP	03 09 14.6			East of Kuril Islands (h = N).		
		UME	iP	03 09 21.3 C	"	8	KIR	iPKP	03 47 54.5
		Samar, Philippine Islands (h = N).					UME	iPKP	03 47 59.9
"	6	UPP	iP	06 13 47.2			Vanuatu Islands (h = 170 km).		
		KIR	iP	06 13 29.8	"	8	UPP	iP	03 47 58.2
		UME	iP	06 13 35.0			KIR	iP	03 47 11.2
		Samar, Philippine Islands (h = N).					UME	iP	03 47 32.5
"	6	UPP	iPKP1	06 14 14.8			Kuril Islands (h = N).		
		UME	iPKP1	06 14 01.6	"	8	UPP	eP	05 16 00
		South of Kermadec Islands (h = N).					UME	iP	05 16 37.5 C
"	6	UPP	iPKP1	13 20 03.1			Greece (h = 10 km).		
			iPKP2	13 20 18.2	"	8	UPP	iP	14 45 52.0
		UME	iPKP1	13 19 55.6			KIR	iP	14 45 21.1
		Off e. coast of N. Island, N.Z. (h = N).					(cont).		
"	6	UPP	iPKP	14 19 38.5					
		South of Fiji Islands (h = 580 km).							

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1995				1995			
May	8	(cont).		May	8	(cont).	
		UME	iP 14 45 34.6			UME	iP 18 47 22.9
		Bonin Islands region (h = 470 km).				Gansu, China (h = N).	
"	8	UPP	iP 14 59 24.3	"	8	UPP	iP 19 25 34.9
		KIR	iP 14 59 05.6			KIR	iP 19 25 13.9
		UME	iP 14 59 10.8			UME	iP 19 25 20.3
		Samar, Philippine Islands (h = N).				Samar, Philippine Islands (h = N).	
"	8	UPP	iP 17 51 27.3	"	8	UPP	iP 19 49 32.5
		KIR	iP 17 50 41.3			KIR	iP 19 49 12.1
		UME	iP 17 51 01.9 C			UME	iP 19 49 22.0
		East of Kuril Islands (h = 20 km).				Philippine Islands region (h = N).	
"	8	UPP	iP 17 51 56.4	"	8	UPP	iP 21 50 25.9
		KIR	iP 17 51 10.9			KIR	iP 21 50 06.4
		UME	iP 17 51 31.1			UME	iP 21 50 08.6
		East of Kuril Islands (h = N).				Samar, Philippine Islands (h = N).	
"	8	UPP	iP 18 18 01.5	"	8	UPP	iP 23 35 50.3
		KIR	iP 18 17 43.8			KIR	iP 23 35 43.0
		UME	iP 18 17 51.3			UME	iP 23 35 42.4 C
		Philippine Islands region (h = 35 km).				Myanmar (h = 120 km).	
"	8	UPP	iP 18 20 22.1	"	9	UPP	eP 01 15 43
		KIR	iP 18 20 02.0			KIR	iP 01 15 17.2
		UME	iP 18 20 07.0			UME	iP 01 15 24.8
		Samar, Philippine Islands (h = N).				Taiwan region (h = N).	
"	8	UPP	iP 18 21 00.6	"	9	UPP	iP 01 19 01.6
		iSKS	18 31 08				micr sec
		iS	18 31 47			Mx	Z 1.0 11
			micr sec			KIR	iP 01 20 20.8
		Mx	Z 13 18				micr sec
		KIR	iP 18 20 43.0			Mx	Z 0.8 12
			micr sec			UME	iP 01 19 42.8
		Mx	Z 6.5 17			Greece-Albania border region	
		UME	iP 18 20 51.8			(h = 10 km).	
		iSKS	18 30 42			M = 4.4 (UPP,KIR).	
		iS	18 31 07	"	9	UPP	iP 01 45 29.9
		Samar, Philippine Islands				KIR	iP 01 46 48.4
		(h = 10 km).				UME	iP 01 46 13.0
		M = 6.2 (UPP,KIR).				Greece-Albania border region	
"	8	UPP	iP 18 45 24.4			(h = 10 km).	
		UME	iP 18 45 09.3	"	9	UPP	iP 10 04 34.2 C
		Samar, Philippine Islands (h = N).				ipP	10 04 56.9
"	8	UPP	iP 18 47 36.3				micr sec
		KIR	iP 18 47 16.3			P	Z' 0.1 0.7
		(cont).				(cont).	

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1995				1995			
May	9	(cont).		May	10	UPP iP	10 26 46.6
		KIR	iP 10 04 26.8 C			Kuril Islands (h = N).	
		UME	iP 10 04 25.9				
			ipP 10 04 48.4	"	10	UPP eP	21 00 45
		Myanmar-India border region.		"	10	UPP iP	22 20 15.9
		h = 90 km (UPP,UME).				UME iP	22 20 53.0
"	9	UPP	iPKP2 12 50 52.6			Greece (h = 10 km).	
			micr sec				
			Mx Z 2.6 19	"	10	UPP iP	22 50 50.8
		KIR	iPKP2 12 50 42.5			KIR iP	22 52 02.9
			micr sec			UME iP	22 51 31.6
			Mx Z 1.7 17			Ionian Sea (h = 10 km).	
		UME	iPKP2 12 50 51.6	"	10	UPP iP	23 34 23.1
		Pacific-Antarctic Ridge (h = 10 km)..				KIR iP	23 34 04.4
		M = 6.0 (UPP,KIR).				UME eP	23 34 10
"	9	UPP	iP 14 50 10.7			Philippine Islands region (h = N).	
		KIR	iP 14 49 27.5	"	10	UPP iSg1	23 45 51.7
		UME	iP 14 49 46.4			KIR iPg1	23 43 19.6
		Kuril Islands (h = 80 km).				iSg1	23 44 01.5
"	9	UPP	iP 16 23 11.5			UME iPn	23 43 31.7
		KIR	iP 16 22 55.8			iPg1	23 43 33.0
		UME	iP 16 23 00.9			iSn	23 44 08.5
		Mindanao, Philippine Islands (h = N).				iSg1	23 44 25.4
"	9	UPP	eP 20 50 26			UDD iSg1	23 45 36.6
		UME	iP 20 50 06.9			DEL iSg1	23 47 36.7
		Shikoku, Japan (h = 70 km).				MYV iPg1	23 43 22.0
"	10	UME	iP 00 52 05.9			iSn	23 44 03.0
		Samar, Philippine Islands (h = N).				iSg1	23 44 08.0
"	10	UPP	iP 01 01 22.5			Near coast of northwestern Norway, 66.5°N, 13.4°E.	
		UME	iP 01 01 14.1			Origin time = 23 42 23.	
		Myanmar (h = 100 km).				M _L (UPP) = 3.1 (0.13) 3.	
"	10	UPP	iP 02 01 47.5			Felt.	
		KIR	iP 02 01 49.6			By combination with Finnish and Norwegian station readings.	
		UME	iP 02 01 44.7	"	11	UPP iP	02 40 44.8
		Southwest of Sumatera, Indonesia (h = 25 km).				South Indian Ocean (h = 10 km).	
"	10	UPP	iP 04 19 11.2	"	11	UPP iP	17 54 36.9
		KIR	iP 04 18 19.1			KIR iP	17 54 28.6
		UME	iP 04 18 45.0			UME iP	17 54 23.3
		South of Aleutian Islands (h = 10 km).				Southern Xinjiang, China (h = 15 km).	
"	10	UPP	iP 20 34 01.5	"	11	UPP iP	20 34 01.5
		KIR	iP 20 34 54.7			KIR iP	20 34 54.7

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995							
May	11	UPP	i(PKP)	22 17 25.8	May	12	UPP	iP	18 00 45.5		
			iPKP	22 17 32.5			KIR	eP	18 00 06		
			iSKP1	22 20 16.3			UME	iP	18 00 25.4		
		KIR	iPKP	22 17 18.9			South of Honshu, Japan (h = N).				
			iSKP1	22 19 52.6			"	12	UPP	iPKP	18 10 03.5
		UME	i(PKP)	22 17 14.6 C			KIR	iPKP	18 09 50.9		
			iPKP	22 17 25.5			UME	iPKP	18 09 56.8		
			iSKP1	22 20 04.4			Fiji Islands region (h = 590 km).				
		Fiji Islands region (h = 600 km).					"	12	UPP	iP	19 47 53.7
"	12	UPP	iP	03 04 34.4	"	12	KIR	iP	19 47 08.4		
		KIR	iP	03 04 15.6			UME	iP	19 47 28.8		
		UME	iP	03 04 22.3			Kuril Islands (h = N).				
		Samar, Philippine Islands (h = 25 km).			"	12	UPP	iP	21 32 51.6		
"	12	UPP	iP	03 54 35.7	"	12	KIR	iP	21 32 42.7		
		KIR	iP	03 54 24.6			UME	iP	21 32 39.5		
		UME	iP	03 54 25.8 C			Southern Xinjiang, China (h = N).				
		Yunnan, China (h = N).			"	13	UPP	iP	01 37 30.1		
"	12	UPP	iPg1	04 50 38.6	"	13	UME	iP	01 37 09.7		
			iSg1	04 50 59.6			Off east coast of Honshu, Japan (h = N).				
			iSg1	04 51 02.5	"	13	UPP	iP	04 32 17.6		
			eRg	04 51 10	"	13	UME	iP	04 33 07.8		
		UDD	iPg1	04 50 33.1			Poland (h = 10 km).				
			iSg1	04 50 54.4	"	13	UPP	iP	05 45 10.8		
		DEL	iSg1	04 51 23.5	"	13	KIR	iP	05 44 50.9		
		Zinkgruvan, Närke, Sweden, 58.8°N, 15.1°E.			"	13	UME	iP	05 44 57.8		
		Rockburst. Felt.					Samar, Philippine Islands (h = 25 km).				
"	12	UPP	iP	11 36 05.1	"	13	UPP	iP	06 19 25.0		
		KIR	eP	11 35 20	"	13	UME	iP	06 19 00.4		
		UME	iP	11 35 41.4			Kuril Islands (h = N).				
		East of Kuril Islands (h = 35 km).			"	13	UPP	iP	06 45 29.4		
"	12	UPP	iP	14 03 35.9	"	13	UME	iP	06 45 27.0		
		UME	iP	14 03 26.7			Myanmar (h = 110 km).				
		Mindanao, Philippine Islands (h = 190 km).			"	13	UPP	iP	07 26 30.2		
"	12	UME	iP	15 25 25.4	"	13	UME	iP	07 26 39.2		
		Southern Bolivia (h = 600 km).					Caspian Sea (h = 55 km).				
"	12	UPP	iP	15 33 02.1	"	13	UPP	iP	07 40 19.7		
		KIR	eP	15 33 15	"	13	UME	iP	07 40 39.6		
		UME	iP	15 33 29.6			Southern Mid-Atlantic Ridge (h = 10 km).				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
May	13	UPP	iP	08 46 42.1	May	13	(cont).
		KIR	eP	08 47 58			KIR i 11 50 02.4
		UME	iP	08 47 24.2			UME iP 11 48 38.7
		Greece (h = 10 km).				Greece (h = 10 km).	
"	13	UPP	iP	08 47 47.4	"	13	UPP eP 12 08 46
		UME	iP	08 48 28.5			KIR iP 12 08 43.4
		Greece (h = 10 km).				UME iP 12 08 33.4	
		Andaman Islands, India (h = N).					
"	13	UPP	iP	08 51 45.0	"	13	UPP iP 14 21 00.3
			iS	08 55 24			UME iP 14 21 41.4
				micr sec			Greece (h = 10 km).
			Mx	Z 163 13			
		KIR	iP	08 53 02.0	"	13	UME iP 15 30 52.0
				micr sec			Greece (h = 10 km).
			Mx	Z 150 9	"	13	UME iP 15 43 51.7
		UME	iP	08 52 23.7			Fiji Islands region (h = 500 km).
		Greece (h = 15 km).					
		M = 6.7 (UPP,KIR).					
"	13	UPP	iP	09 34 09.2	"	13	UPP iP 16 38 45.6
		KIR	iP	09 35 29.0			KIR iP 16 38 27.2
		UME	iP	09 34 50.5			UME iP 16 38 27.4
		Greece (h = 10 km).				Samar, Philippine Islands (h = 30 km).	
"	13	UPP	iP	09 52 09.8	"	13	UME iPKP 16 41 11.7
		KIR	iP	09 53 30.2			Eastern New Guinea reg.
		UME	iP	09 52 55.6			(h = 190 km).
		Greece (h = 10 km).					
"	13	UPP	iP	10 16 29.1	"	13	UPP iP 17 59 25.7
		UME	iP	10 17 11.3			KIR iP 18 00 43.1
		Greece (h = 10 km).				UME iP 18 00 03.6	
		Greece (h = 10 km).				Greece (h = 10 km).	
"	13	UPP	iP	10 37 35.4	"	13	UPP iP 18 10 30.5
		KIR	iP	10 38 53.1			KIR iP 18 11 48.3
		UME	iP	10 38 16.7			UME iP 18 11 11.6
		Greece (h = 10 km).				Greece (h = 10 km).	
"	13	UPP	iP	11 03 05.1	"	13	UPP eP 19 05 19
		UME	iP	11 03 47.5			KIR iP 19 06 36.8
		Greece (h = 10 km).				UME iP 19 05 59.5	
		Greece (h = 10 km).				Greece (h = 10 km).	
"	13	UPP	iPKP	11 42 23.8	"	13	UPP iP 19 41 41.7
		UME	iPKP	11 42 15.9			KIR eP 19 42 58
		South of Tonga Islands (h = N).				UME iP 19 42 20.6	
		Greece (h = 10 km).				Greece (h = 10 km).	
"	13	UPP	iP	11 48 01.0	"	13	UPP iP 21 13 18.4 D
			i	11 48 18.4			(cont).
		KIR	iP	11 49 17.9 C			
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
May	14	UPP iP	14 51 28.8	May	15	UPP iP	09 24 13.4
		Greece (h = 10 km).				UME iP	09 24 55.0
						Greece (h = 10 km).	
"	14	UPP iP	21 35 44.3	"	15	UPP iP	14 07 03.1
		Greece (h = 10 km).				KIR iP	14 06 22.7
"	14	KIR iP	22 41 32.1 C			UME iP	14 06 38.1
		UME iP	22 41 27.3			Off east coast of Honshu, Japan	
		Southern Xinjiang, China (h = N).				(h = N).	
"	15	UPP iP	00 22 51.8	"	15	UPP iP	14 09 31.7
		KIR iP	00 23 31.2			KIR iP	14 08 50.8
		UME iP	00 23 05.7			UME iP	14 09 08.6
		Caspian Sea (h = 25 km).				Near east coast of Honshu, Japan	
						(h = N).	
"	15	UPP iP	00 28 48.6	"	15	UPP iP	15 42 29.5
		Greece (h = 10 km).				Balearic Islands (h = 10 km).	
"	15	UPP iP	01 24 45.4	"	15	UPP iPKP	15 45 33.8
		Greece (h = 10 km).				UME iPKP	15 45 42.5
"	15	UPP iP	04 14 24.5 C			South Sandwich Islands region	
		KIR iP	04 14 09.5 C			(h = 100 km).	
		UME iP	04 14 11.5 C	"	15	UPP iP	17 10 14.2
		Southern Xinjiang, China.				KIR iP	17 11 29.5
		Underground explosion.				UME iP	17 10 53.9
"	15	UPP iP	04 18 27.1			Greece (h = 10 km).	
		iS	04 22 06	"	15	UPP eP	20 17 05
			micr sec				micr sec
		Mx	Z 3.1 9			Mx	Z 1.1 17
		KIR iP	04 19 44.6 C			KIR Mx	21 01
			micr sec				micr sec
		Mx	Z 1.9 11			Mx	Z 1.1 15
		UME iP	04 19 08.2 C			Philippine Islands region (h = 35 km).	
		Greece (h = 10 km).				M = 5.3 (UPP,KIR).	
		M = 4.9 UPP,KIR).		"	15	UPP iP	20 31 01.9
"	15	UPP iP	07 26 37.9			KIR iP	20 31 42.9
		KIR iP	07 27 54.1			UME iP	20 31 15.2
		Greece (h = 10 km).				Eastern Gulf of Aden (h = 10 km).	
"	15	UPP iP	08 21 29.8	"	15	UPP iPKP	22 48 41.6
		KIR iP	08 22 46.4			KIR iPKP	22 48 46.6
		UME iP	08 22 10.0			South of Australia (h = 10 km).	
		Greece (h = 10 km).		"	15	UPP iP	22 52 03.3
"	15	UPP iP	09 06 23.9			UME iP	22 52 44.4
		KIR iP	09 07 42.1			Greece (h = 10 km).	
		UME iP	09 07 03.0				
		Greece (h = 10 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
May	16	UPP	iP	01 48 07.2	May	16	(cont).
			iS	01 52 34			KIR iPKP 04 51 51.2
				micr sec			iSKP1 04 54 22.4
			Mx	Z 1.6 17			UME iPKP 04 51 56.7
		KIR	iP	01 46 45.7 C			iSKP1 04 54 32.8
				micr sec			Fiji Islands region (h = 610 km).
			P	Z' 0.1 1.0			
			Mx	Z 1.9 15	"	16	UPP iP 05 08 45.8
		UME	iP	01 47 31.3			KIR iP 05 09 58.2
			iS	01 51 32			UME iP 05 09 23.3
				North of Svalbard (h = 10 km).			Greece (h = 10 km).
"	16	UPP	iP	03 42 27.9	"	16	UPP iP 06 10 16.7
			i	03 42 29.2			UME iP 06 10 27.6
			ipP	03 43 09.3			Northern Mid-Atlantic Ridge
			isP	03 43 29			(h = 10 km).
			iPP	03 44 05	"	16	UPP iP 08 33 41.8
			iS	03 48 18			KIR iP 08 33 17.1
				micr sec			UME iP 08 33 25.7
			P	Z' 0.5 0.7			Southwestern Ryukyu Islands
			Mx	Z 2.3 11			(h = 25 km).
		KIR	iP	03 42 37.7 C	"	16	UME iP 08 54 06.1
			ipP	03 43 18.3			South of Jawa, Indonesia
			iPP	03 44 21.6			(h = 30 km).
				micr sec	"	16	UPP iP 13 58 08.7
			P	Z' 0.4 1.0			Kuril Islands (h = 35 km).
			Mx	Z 2.6 9	"	16	UPP iP 14 04 00.6
		UME	iP	03 42 27.3 D			KIR iP 14 03 13.6
			ipP	03 43 08.0			UME iP 14 03 33.9
			iPP	03 44 01.8			Kuril Islands (h = N).
			iS	03 48 16	"	16	UPP iP 14 37 37.3
				Hindu Kush region, Afghanistan.			KIR iP 14 38 11.8
				h = 200 km (UPP,KIR,UME).			UME iP 14 37 49.7
				m = 6.1, M = 5.3 (UPP,KIR).			Northern Iran (h = 15 km).
				M uncorrected for focal depth.	"	16	UPP iP 18 02 23.7
"	16	UPP	iP	04 32 37.1			UME iP 18 03 02.4
"	16	KIR	iP	04 41 24.4			Greece (h = 10 km).
		UME	iP	04 41 15.8	"	16	UPP iP 20 32 04.0
				Northern Mid-Atlantic Ridge			iPP 20 34 59.3
				(h = 10 km).			micr sec
"	16	UPP	iP	04 42 02.0	"	16	Mx Z 181 22
		UME	iP	04 42 38.5			KIR i(PKP) 20 31 44.0
				Greece (h = 10 km).			iPKP 20 31 54.0
"	16	UPP	iPKP	04 52 02.7			(cont).
			iSKP1	04 54 44.8			(cont).
				(cont).			

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
May	16	(cont).		May	16	UPP	iP	22 42 14.9	
		KIR	iPP					micr sec	
								P Z' 0.2 1.3	
			Mx Z			KIR	iP	22 41 29.6	
		UME	i(PKP)					micr sec	
			iPKP					P Z' 0.1 0.9	
			iPP			UME	iP	22 41 50.0	
		Loyalty Islands region (h = 20 km).				Kuril Islands (h = 35 km).			
		M = 7.5 (UPP,KIR).				m = 6.0 (UPP,KIR).			
"	16	UPP	iPKP	20 50 39.8	"	16	UPP	iP	22 49 15.7
		KIR	iPKP	20 50 24.9			KIR	iP	22 48 30.1
		UME	iPKP	20 50 31.3			UME	iP	22 48 49.5
		Loyalty Islands region (h = 20 km).				Kuril Islands (h = N).			
"	16	UPP	iPKP	21 13 14.6	"	16	UPP	iP	23 05 14.0
		KIR	iPKP	21 12 59.6			KIR	iP	23 06 30.0
		UME	iPKP	21 13 06.6			UME	iP	23 05 53.6
		Loyalty Islands region (h = 30 km).				Greece (h = 10 km).			
"	16	UPP	iPKP	21 17 56.5	"	17	UPP	iP	00 01 59.0
		KIR	iPKP	21 17 42.4			KIR	iP	00 03 16.6
		UME	iPKP	21 17 49.6			UME	iP	00 02 39.5
		Loyalty Islands region (h = 30 km).				Greece (h = 15 km).			
"	16	UPP	iPKP	21 45 00.7	"	17	UPP	iP	02 49 15.4
		KIR	iPKP	21 44 47.7			KIR	iP	02 48 29.7
		UME	iPKP	21 44 55.6			UME	iP	02 48 50.1
		Loyalty Islands region (h = 30 km).				Kuril Islands (h = N).			
"	16	UPP	iP	21 58 51.2	"	17	UPP	iPKP	03 44 04.0
		Greece (h = 10 km).					KIR	iPKP	03 43 53.7
							UME	iPKP	03 43 59.5
							Loyalty Islands region (h = 25 km).		
"	16	UPP	iP	21 59 13.2	"	17	UPP	iP	03 59 25.1
			ipP	21 59 16.4			Greece (h = 10 km).		
			i	21 59 40.6					
				micr sec					
			P Z'	0.5 1.2					
		KIR	iP	21 59 08.7	"	17	UPP	iPKP	04 17 34.9
			ipP	21 59 11.8			UME	iPKP	04 17 29.2
				micr sec			Loyalty Islands region (h = 30 km).		
			P Z'	0.8 1.5					
		UME	iP	21 59 07.0	"	17	UPP	iP	04 18 55.9
			ipP	21 59 10.2				iS	04 22 36
		Myanmar.						micr sec	
		h = 10 km (UPP,KIR,UME).						micr sec	
		m = 6.7 (UPP,KIR).					P Z'	0.1 1.0	
							Mx Z	4.0 10	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
May	17	(cont). KIR	iP	04 20	13.7		
				micr	sec		
			P	Z'	0.1	1.4	
			Mx	Z	2.0	9	
		UME	iP	04 19	36.9		
		Greece (h = 20 km). m = 5.3 (UPP,KIR).					
"	17	UPP	iP	04 53	05.7		
		UME	iP	04 53	45.8		
		Greece (h = 10 km).					
"	17	UPP	iP	05 29	45.1		
				micr	sec		
			Mx	Z	2.4	15	
		KIR	iP	05 29	25.5		
				micr	sec		
			Mx	Z	1.4	17	
		UME	iP	05 29	32.0		
		Samar, Philippine Islands (h = 25 km). M = 5.5 (UPP,KIR).					
"	17	UPP	iPKP	05 42	40.4		
		KIR	iPKP	05 42	26.8		
		UME	iPKP	05 42	31.8		
		Loyalty Islands region (h = 25 km).					
"	17	UPP	iPKP1	06 43	55.0 C		
			iPKP2	06 43	59.8		
		KIR	i(PKP)	06 43	32.0		
			iPKP	06 43	36.4		
		UME	iPKP	06 43	43.5 C		
		Kermadec Islands, New Zealand (h = N).					
"	17	UPP	iP	09 49	40.3		
			ipP	09 49	42.7		
			iS	09 53	20		
				micr	sec		
			P	Z'	0.1	0.9	
			Mx	Z	1.7	11	
		KIR	iP	09 50	58.9		
				micr	sec		
			Mx	Z	1.1	11	
		UME	iP	09 50	20.4		
		Greece (h = 10 km). M = 4.6 (UPP,KIR).					
May	17	UPP	iPKP	11 43	13.9		
			i	11 46	54		
				micr	sec		
			Mx	Z	13	25	
		KIR	iPKP	11 43	01.1		
				micr	sec		
			Mx	Z	12	26	
		UME	iPKP	11 43	07.9		
		Loyalty Islands region (h = 20 km). M = 6.5 (UPP,KIR).					
"	17	KIR	iP	15 43	46.9		
		Greece (h = 10 km).					
"	17	UPP	iP	17 06	43.1		
		KIR	iP	17 05	59.8		
		UME	iP	17 06	18.5		
		Off east coast of Honshu, Japan (h = 30 km).					
"	17	UPP	iP	19 46	32.8		
			iS	19 57	12		
				micr	sec		
			Mx	Z	2.4	15	
		KIR	iP	19 46	14.9		
		UME	iP	19 46	19.5		
		Samar, Philippine Islands (h = 30 km).					
"	17	UPP	iP	19 53	12.5		
		Andreanof Islands, Aleutian Is. (h = N).					
"	17	UPP	iP	23 56	19.5		
		UME	iP	23 56	57.9		
		Greece (h = 10 km).					
"	18	UPP	iP	00 17	27.2 C		
			ipP	00 19	54.4		
			iS	00 26	26		
				micr	sec		
			P	Z'	0.5	1.4	
			Mx	Z	19	21	
		KIR	iP	00 18	07.0		
				micr	sec		
			P	Z'	0.4	1.4	
		UME	iP	00 17	50.4		
			ipP	00 20	27.4		
			iS	00 27	04		
		Central Mid-Atlantic Ridge (h = 10 km). m = 6.5 (UPP,KIR).					

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1995				1995			
May	18	UPP iP	01 00 39.0	May	19	(cont).	
		UME iP	01 00 36.2			UME iP	11 39 58.5
		Afghanistan-Tajikistan bord. reg. (h = 220 km).				Ryukyu Islands (h = 30 km).	
"	18	UPP iP	06 27 27.3	"	19	UPP iP	17 23 12.7
		UME iP	06 28 06.7			KIR iP	17 22 57.5
		Greece (h = 10 km).				UME iP	17 23 03.0
		Banda Sea (h = 140 km).					
"	18	UPP iP	13 44 33.4	"	19	UPP iPKP	18 32 46.8
						UME iPKP	18 32 42.0
"	18	UPP iP	14 42 04.2 D			Loyalty Islands region (h = N).	
		ipP	14 42 29.0	"	19	UPP eP	21 43 40
			micr sec				micr sec
		P	Z' 0.3 0.9			Mx	Z 1.5 18
		KIR iP	14 41 18.4			UME iP	21 43 30.4
			micr sec			Sulawesi, Indonesia (h = 25 km).	
		P	Z' 0.6 0.9	"	19	UPP iP	22 03 24.4
		UME iP	14 41 39.5			KIR iP	22 03 04.6
		ipP	14 42 01.3			UME iP	22 03 10.7
		Kuril Islands. h = 90 km (UPP,UME). m = 6.5 (UPP,KIR).				Luzon, Philippine Islands (h = 30 km).	
"	18	UPP iP	15 13 13.3	"	20	UPP iP	01 54 27.1
		Greece (h = 10 km).				UME iP	01 55 04.6
"	18	UPP iP	15 31 11.3			Southern Greece (h = 10 km).	
"	19	UPP iP	01 08 15.8	"	20	UPP iPKP	14 03 42.6
		Greece (h = 10 km).				KIR iPKP	14 03 57.8
"	19	UPP iP	06 53 22.2			UME iPKP	14 03 50.7
		iS	06 57 02			South Sandwich Islands region (h = 100 km).	
			micr sec	"	20	UPP iPKP	17 43 44.6
		Mx	Z 3.6 11			KIR iPKP	17 43 30.5
		KIR iP	06 54 39.9			UME iPKP	17 43 37.1
			micr sec			Loyalty Islands region (h = 25 km).	
		Mx	Z 1.9 9	"	20	UPP iP	20 14 04.1
		UME iP	06 54 02.7			KIR iP	20 15 21.4
		iS	06 58 17			UME iP	20 14 45.7
		Greece (h = 10 km). M = 4.9 (UPP,KIR).				Greece (h = 10 km).	
"	19	UPP iPKP1	07 37 02.6	"	20	UPP iP	20 16 27.3
		South of Tonga Islands (h = 35 km).				UME iP	20 17 07.9
"	19	UPP iP	11 40 15.4			Greece (h = 10 km).	
		KIR iP	11 39 45.8	"	20	UPP iP	20 30 55.7
		(cont).				Greece (h = 10 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
May	20	UPP	iP	21 02 17.7	May	21	(cont).
		KIR	iP	21 02 22.4			UPP
		UME	iP	21 02 14.2			ipP
		Tajikistan-Xinjiang border reg.					19 30 42.7
		(h = 130 km).					micr sec
"	20	UPP	iP	21 10 56.4			P
		KIR	iP	21 12 14.7			Z' 0.1
		UME	iP	21 11 37.7			1.0
		Greece (h = 10 km).				KIR	iP
							19 29 38.1
							ipP
							19 29 49.3
							micr sec
							P
							Z' 0.1
							1.0
						UME	iP
							19 30 03.2
							ipP
							19 30 14.3
						Off east coast of Kamchatka.	
						h = 40 km (UPP,KIR,UME).	
						m = 5.6 (UPP,KIR).	
"	20	UPP	iP	22 31 23.7	"	21	UPP
			ipP	22 32 00.0			iP
		KIR	iP	22 31 27.4			19 35 51.1
			ipP	22 32 03.6			KIR
		UME	iP	22 31 28.3			iP
			ipP	22 32 04.2			19 35 17.0
		Colombia.					UME
		h = 150 km (UPP,KIR,UME).					iP
							19 35 31.5
						Near s. coast of Honshu, Japan	
						(h = 400 km).	
"	21	UPP	iP	04 08 56.2	"	21	UPP
		UME	iP	04 09 33.0			iP
		Greece (h = 10 km).					20 42 57.3
							UME
							iP
							20 43 33.3
						Greece (h = 10 km).	
"	21	UPP	iPKP	07 52 44.1	"	21	UPP
		KIR	iPKP	07 52 44.5			iSg1
		UME	iPKP	07 52 40.1			21 54 43.9
		Southern Pacific Ocean (h = 10 km).				UDD	iPg1
							21 53 21.4
							iSg1
							21 53 41.9
						Southern Norway, 60.5°N, 10.6°E.	
						Origin time = 21 52 59.	
"	21	UPP	iPKP	12 30 30.9			$M_L(UPP) = 2.4$
		Solomon Islands (h = 80 km).					1.
						Felt.	
						By combination with Norwegian	
						station readings.	
"	21	UPP	iPKP1	17 10 16.2	"	22	UPP
			micr sec				iPKP
			Mx	Z 0.9			04 04 29.3
				17			micr sec
		KIR	iPKP	17 10 02.2			Mx
		UME	iPKP	17 10 04.2			Z 3.8
		Kermadec Islands region (h = N).					23
						KIR	Mx
							05 05
							micr sec
"	21	KIR	iP	17 19 05.5			Mx
		UME	iP	17 19 10.8			Z 2.7
		Near coast of Nicaragua (h = 50 km).					18
						UME	iPKP
							04 04 16.5
						Loyalty Islands region (h = 20 km).	
						M = 6.0 (UPP,KIR).	
"	21	UPP	iPKP	19 15 28.9	"	22	UPP
		KIR	iPKP	19 15 16.8			iPKP
		UME	iPKP	19 15 23.2			04 09 16.5
		Loyalty Islands region (h = N).				UME	iPKP
							04 09 09.0
						Loyalty Islands region (h = N).	
"	21	UPP	iP	19 30 31.1	"	22	UPP
							iPKP
							04 21 40.3
						(cont).	
						(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995			1995		
May	22	(cont). UME iPKP 04 21 35.1 D'entrecasteaux Islands region (h = 30 km).	May	22	UPP iP 19 39 46.3 KIR iP 19 39 27.5 UME iP 19 39 33.0 Samar, Philippine Islands (h = N).
"	22	UME iP 04 41 51.2 UDD iP 04 42 38.0 i 04 42 44.7 Greenland Sea, 74.9°N, 7.7°E. Origin time = 04 38 57. By combination with Norwegian station readings.	"	22	UPP iP 20 18 31.8 KIR iP 20 17 36.3 UME iP 20 18 04.6 Alaska Peninsula (h = 170 km).
"	22	UPP eP 07 01 17 KIR iP 07 00 52.9 UME iP 07 01 00.3 Southwestern Ryukyu Islands (h = N).	"	22	UPP iP 21 15 04.4 Greece (h = 10 km).
"	22	UME iPKP 07 18 19.8 Loyalty Islands region (h = N).	"	22	UPP iP 22 35 13.3 KIR iP 22 36 30.7 Greece (h = 10 km).
"	22	UPP iP 10 00 05.3 KIR iP 09 59 46.6 UME iP 09 59 52.9 Samar, Philippine Islands (h = N).	"	23	UPP iP 03 08 55.6 iS 03 13 10 KIR iP 03 10 05.8 UME iP 03 09 26.6 Central Mediterranean Sea (h = 15 km).
"	22	UPP iPKP 10 02 32.9 KIR iPKP 10 02 17.9 UME iPKP 10 02 23.5 Loyalty Islands region (h = N).	"	23	UPP iP 04 42 09.8 Greece (h = 10 km).
"	22	UPP iP 10 42 29.8 KIR iPKP 10 42 17.7 Loyalty Islands region (h = N).	"	23	UPP iP 05 56 30.4 Greece (h = 10 km).
"	22	UPP iP 12 57 33.7	"	23	UPP iP 07 39 53.2 KIR iPKP 07 39 40.0 Kermadec Islands region (h = 65 km).
"	22	UPP iP 15 26 38.1 Kermadec Islands region (h = 70 km).	"	23	UPP iP 08 44 16.2 KIR iP 08 44 08.9 Costa Rica (h = N).
"	22	KIR iSg1 17 40 25.6 UME iSg1 17 40 49.5 Near coast of northwestern Norway, 66.5°N, 13.3°E. Origin time = 17 38 48. $M_L(\text{UPP}) = 2.6$ 1. By combination with Finnish and Norwegian station readings.	"	23	UPP iP 10 12 22.0 iS 10 21 14 micr sec Mx Z 3.6 11 KIR iP 10 11 37.2 micr sec Mx Z 3.0 11 UME iP 10 11 56.9

(cont).

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1995				1995			
May	23	(cont). UME iS	10 20 29	May	24	UPP iP	11 34 02.4
		Hokkaido, Japan region (h = 15 km). M = 5.7 (UPP,KIR).				KIR iP	11 33 06.3
						UME iP	11 33 35.7
						Southern Alaska (h = 40 km).	
"	23	UPP iP	15 59 06.6	"	24	UPP iPKP1	13 25 55.6
		i	15 59 31.8			KIR iPKP1	13 25 55.3
		KIR iP	15 58 14.0			UME iPKP1	13 25 53.9
		UME iP	15 58 38.7			West of Macquarie Island (h = 10 km).	
		Andreanof Islands, Aleutian Is. (h = 30 km).					
"	23	UPP iP	20 14 26.5	"	24	UPP iP	20 34 14.6
		KIR eP	20 15 46			iSKS	20 44 38
		UME iP	20 15 05.2				micr sec
		Greece (h = 10 km).				Mx	Z 3.2 17
						KIR iP	20 33 55.6
"	23	UPP iP	21 04 22.6				micr sec
		UME iP	21 05 01.9			Mx	Z 2.8 16
		Greece (h = 10 km).				UME iP	20 34 01.5
"	23	UPP ePKP	22 28 55			iSKS	20 44 22
			micr sec			Samar, Philippine Islands (h = 30 km). M = 5.7 (UPP,KIR).	
		Mx	Z 5.2 25	"	24	UPP iP	21 22 43.6
		KIR iPKP	22 29 12.6			Andreanof Islands, Aleutian Is. (h = N).	
			micr sec				
		Mx	Z 2.7 17	"	25	UPP iP	01 44 01.0
		UME iPKP	22 29 02.1			ipP	01 44 10.3
		Southern Mid-Atlantic Ridge (h = 10 km). M = 6.0 (UPP,KIR).				KIR iP	01 43 42.2
"	24	UPP iP	05 27 14.9			ipP	01 43 51.4
		Greece (h = 10 km).				UME iP	01 43 48.8
"	24	UPP iP	06 28 42.6			ipP	01 43 58.0
		UME iP	06 29 23.4			Samar, Philippine Islands. h = 30 km (UPP,KIR,UME).	
		Greece (h = 5 km).		"	25	UME iP	03 03 52.2
"	24	UPP iP	11 12 06.1			South of Mariana Islands (h = 55 km).	
		i	11 12 22.4	"	25	UPP iP	05 10 46.8
			micr sec			iS	05 19 42
		P	Z' 0.1 1.0				micr sec
		KIR iP	11 11 09.8			Mx	Z 1.2 18
			micr sec			KIR iP	05 10 01.5
		P	Z' 0.2 0.9				micr sec
		UME iP	11 11 38.9			Mx	Z 2.8 20
		Southern Alaska (h = 40 km). m = 6.0 (UPP,KIR).				UME iP	05 10 20.9
						Kuril Islands (h = 50 km). M = 5.3 (UPP,KIR).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995							
May	25	UPP	iP	09 12 12.7	May	26	UPP	iP	05 31 46.7		
		KIR	eP	09 12 24			UME	iP	05 31 19.7		
		UME	eP	09 12 11			Kuril Islands (h = N).				
		Tajikistan (h = 40 km).					"	26	UME	iPKP	06 19 54.9
"	25	UPP	iP	09 22 48.7 C			Loyalty Islands region (h = 20 km).				
			iS	09 32 00			"	26	UPP	iP	11 50 11.9
				micr sec			South of Honshu, Japan (h = 150 km).				
			P	Z' 0.1 1.0			"	26	UPP	iPKP	13 59 41.3
			Mx	Z 5.2 17			iPKP1 13 59 46.4				
		KIR	iP	09 22 06.4			UME iPKP1 13 59 34.2				
				micr sec			Kermadec Islands region (h = 70 km).				
			P	Z' 0.1 1.0			"	26	UPP	eP	15 01 26
			Mx	Z 5.1 17			KIR eP 15 01 06				
		UME	iP	09 22 24.9 C			UME eP 15 01 10				
		Off east coast of Honshu, Japan					Philippine Islands region (h = N).				
		(h = 30 km).					"	26	UPP	iP	20 28 11.3
		m = 5.7, M = 5.8 (UPP,KIR).					KIR iP 20 27 52.8				
"	25	UPP	iP	09 50 22.9			UME iP 20 27 59.2				
		UME	iP	09 50 22.5			Samar, Philippine Islands (h = 30 km).				
		Afghanistan (h = 50 km).					"	26	UPP	iP	21 51 12.4
"	25	UPP	iP	13 46 11.3			KIR iP 21 50 27.5				
		KIR	iP	13 45 34.6			UME iP 21 50 47.7				
		UME	iP	13 45 50.4			Kuril Islands (h = 40 km).				
		South of Honshu, Japan (h = N).					"	26	UPP	iP	23 12 52.3
"	25	UPP	iP	18 30 23.5			KIR iP 23 12 20.3				
		KIR	iP	18 30 02.6			UME iP 23 12 33.7				
		UME	iP	18 30 10.0			South of Honshu, Japan (h = 430 km).				
		Philippine Islands region					"	27	UPP	iPKP1	07 35 49.9
		(h = 25 km).					Kermadec Islands region (h = N).				
"	26	UPP	iP	02 59 32.0			"	27	UPP	iP	08 41 41.8
		KIR	iP	03 01 14.6			KIR iP 08 42 22.6				
		UME	iP	03 00 23.7			UME eP 08 41 56				
		Poland (h = 10 km).					Northern Iran (h = 50 km).				
"	26	UPP	iP	03 20 51.5			"	27	UPP	iP	09 21 57.4
			iS	03 28 52			"	27	UPP	iP	13 13 56.9 C
				micr sec			ipP 13 14 00.2				
			Mx	Z 3.2 17			iPP 13 16 12				
		KIR	iP	03 21 24.6			iPPP 13 17 42				
				micr sec							
			Mx	Z 1.8 13							
		UME	iP	03 21 04.3							
			iS	03 29 17							
		Arabian Sea (h = 60 km).									
		M = 5.4 (UPP,KIR).									

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
May	28	KIR	iPKP	20 17 53.0	May	29	UME	iP	09 19 42.3
		UME	iPKP	20 17 51.7					Off coast of Mexico (h = N).
				Near coast of central Chile (h = 40 km).	"	29	KIR	iPKP1	10 26 31.9
"	28	UPP	iP	20 58 05.5			UME	iPKP1	10 26 38.8
		KIR	iP	20 57 15.7					South Island, New Zealand (h = 10 km).
		UME	iP	20 57 38.5	"	29	UPP	iP	10 31 34.5
				Sakhalin Island (h = N).			KIR	iP	10 30 44.8
"	28	UPP	iP	21 54 30.8					micr sec
		KIR	iP	21 54 11.7				P	Z' 0.2 1.0
		UME	iP	21 54 14.4			UME	iP	10 31 07.3 C
				Kazakhstan-Xinjiang border reg. (h = 25 km).					Sakhalin Island (h = N).
"	29	UPP	iPKP1	01 18 17.0	"	29	UPP	iP	14 14 23.0
		KIR	iPKP	01 18 00.6			KIR	iP	14 13 49.0
		UME	iPKP1	01 18 05.6			UME	iP	14 14 03.8
				Kermadec Islands, New Zealand (h = 180 km).					South of Honshu, Japan (h = N).
"	29	UPP	iP	05 04 11.7	"	29	UME	iP	20 49 31.6
			i	05 08 38					Southern Italy (h = 10 km).
		KIR	iP	05 05 12.7	"	30	UPP	iPKP1	03 37 54.6
				micr sec					Kermadec Islands region (h = N).
			P	Z' 0.3 0.8	"	30	UPP	iSg1	04 02 52.8
		UME	iP	05 04 39.0 D			UME	iSg1	04 04 49.9
				Cyprus region (h = 10 km).			UDD	ePg1	04 01 31
"	29	UPP	iP	06 21 41.2				iSn	04 02 02.5
		KIR	iP	06 20 58.2				iSg1	04 02 22.9
		UME	iP	06 21 16.7			DEL	iPn	04 00 45.5
				Hokkaido, Japan region (h = 35 km).				iPg1	04 00 47.6
"	29	KIR	iP	06 58 41.0				iSg1	04 01 10.4
		UME	iP	06 58 03.8					Jylland, Denmark, 56.4°N, 10.6°E.
				Sicily (h = 10 km).					Origin time = 04 00 16.
"	29	UPP	Mx	08 40					$M_L(\text{UPP}) = 3.0 (0.28) 4.$
				micr sec					By combination with Finnish and Norwegian station readings.
			Mx	Z 12 24	"	30	UPP	iP	04 23 56.2 C
		KIR	iPKP	07 48 29.1					micr sec
				micr sec				P	Z' 0.1 0.8
			Mx	Z 5.0 18			KIR	iP	04 23 24.5
		UME	iPKP	07 48 35.5			UME	iP	04 23 38.0
				Santa Cruz Islands region (h = 25 km).					South of Honshu, Japan (h = 470 km).
				M = 6.3 (UPP,KIR).	"	30	KIR	iP	09 22 03.7
							UME	iP	09 22 06.7
									Banda Sea (h = 630 km).

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

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1995				1995					
June	1	KIR	iP	04 32 08.8	June	2	UPP	iP	16 44 20.2
		UME	iP	04 32 16.1			KIR	iP	16 43 34.7
		Samar, Philippine Islands					UME	iP	16 43 54.8
		(h = 45 km).					Kuril Islands (h = N).		
"	1	KIR	iP	13 28 30.2	"	2	UME	iPKP	19 26 00.7
		Iran-Iraq border region (h = N).					Near coast of central Chile		
		(h = N).					(h = 70 km).		
"	1	UPP	iPKP	15 54 35.5	"	2	UPP	iP	23 41 21.2
		KIR	iPKP	15 54 20.4			KIR	iP	23 41 22.1
		UME	iPKP	15 54 27.8			UME	iP	23 41 17.7
		Vanuatu Islands (h = 120 km).					Northern Sumatera, Indonesia		
"	1	KIR	iP	17 01 27.0			(h = 40 km).		
		UME	iP	17 01 46.8	"	3	KIR	iP	01 41 31.7
		Rat Islands, Aleutian Islands					UME	iP	01 41 33.5
		(h = 60 km).					Samar, Philippine Islands (h = N).		
"	1	KIR	iP	23 48 10.9	"	3	UME	iP	04 25 28.8
		UME	iP	23 48 59.6			Northern Molucca Sea (h = 65 km).		
		i		23 49 04.6					
		Greenland Sea (h = 10 km).			"	3	UME	iPKP	09 02 29.7
"	2	KIR	iP	03 04 04.5			iSKP1		09 05 10.7
		UME	iP	03 04 26.7			Fiji Islands region (h = 570 km).		
		East of Kuril Islands (h = 25 km).			"	3	UPP	iP	10 24 45.0
"	2	KIR	iP	15 35 29.5			UME	iP	10 25 22.1
		UME	iP	15 35 54.7			Greece (h = 20 km).		
		Sakhalin Island (h = N).			"	3	UME	iP	11 43 41.6
							Poland (h = 15 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995						
June	3	UPP	iP	12 09 47.5	June	4	KIR	iP	17 52 16.8	
			ipP	12 09 56.8			UME	iP	17 52 20.1	
		UME	iP	12 09 45.3			Colombia (h = 60 km).			
			ipP	12 09 55.0						
		Northern Sumatera, Indonesia. h = 30 km (UPP,UME).				"	5	UPP	iP	05 24 57.7
									micr sec	
"	3	UME	iP	15 03 29.6				Mx	Z 0.5 9	
		Fox Islands, Aleutian Islands (h = N).					KIR	iP	05 26 14.2	
							UME	iP	05 25 38.4	
		Greece-Albania border region (h = 10 km).								
"	3	UPP	ePKP1	21 18 03			5	UPP	iPKP1	07 24 32.4
		KIR	iPKP	21 17 42.4					iPKP2	07 24 36.7
		UME	iPKP1	21 17 52.2				KIR	ePKP	07 24 19
		South of Kermadec Islands (h = 400 km).						UME	iPKP1	07 24 21.2
		Kermadec Islands, New Zealand (h = N).								
"	3	KIR	iP	22 30 25.6			5	KIR	iP	07 48 54.8
		UME	iP	22 30 53.6				Northern Mid-Atlantic Ridge (h = 10 km).		
		Alaska Peninsula (h = N).								
"	3	UME	iPKP	24 00 12.1			5	KIR	iP	08 21 07.6
		Loyalty Islands region (h = N).						UME	iP	08 20 57.2
		Northern Mid-Atlantic Ridge (h = 10 km).								
"	4	UPP	iP	01 18 22.6			5	KIR	iP	08 21 07.6
		KIR	iP	01 17 28.8				UME	iP	08 20 57.2
		UME	iP	01 17 56.3				Northern Mid-Atlantic Ridge (h = 10 km).		
		Unimak Island region (h = 40 km).								
"	4	UPP	iPKP1	02 35 30.3			5	UPP	iP	16 54 14.2
			iPKP2	02 35 40.1				KIR	iP	16 54 31.8
		KIR	ePKP	02 35 13				UME	iP	16 54 17.0
		UME	iPKP1	02 35 19.9				Pakistan (h = N).		
		Kermadec Islands region (h = 10 km).								
"	4	UPP	iP	04 19 35.1			5	UPP	iP	20 32 25.9
		KIR	iP	04 18 45.6					iS	20 42 28
		UME	iP	04 19 08.0						micr sec
		Sakhalin Island (h = N).							Mx	Z 3.0 16
							KIR	iP	20 32 06.3	
									micr sec	
"	4	KIR	iP	14 24 17.2					P	Z' 0.1 1.4
		UME	iP	14 24 13.1					Mx	Z 2.1 16
		Southern Xinjiang, China (h = 50 km).						UME	iP	20 32 12.5
									iS	20 42 03
		Luzon, Philippine Islands (h = 50 km). M = 5.6 (UPP,KIR).								
"	4	UPP	iP	15 22 57.8			5	UPP	iP	23 25 20.5
		KIR	iP	15 22 13.9				KIR	iP	23 25 57.2
		UME	iP	15 22 33.4				UME	iP	23 25 36.0
		Hokkaido, Japan region (h = 70 km).						Arabian Sea (h = 10 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
June	6	UPP iP	00 11 37.6	June	6	UME iPKP	23 09 02.2
		KIR iP	00 11 58.0			South Sandwich Islands region	
		UME iP	00 11 37.0			(h = N).	
		Pakistan (h = N).		"	6	UPP iP	23 33 14.4
"	6	UPP iPKP1	03 43 19.7			UME iP	23 32 59.3
		South of Tonga Islands (h = 60 km).				Taiwan region (h = N).	
"	6	UPP iP	04 14 58.8	"	7	UPP iP	01 04 46.4
			micr sec			i	01 04 47.9
		Mx	Z 1.0 19			ipP	01 04 55.2
		KIR iP	04 14 04.0				micr sec
			micr sec			P	Z' 0.1 1.0
		P	Z' 0.1 1.0			UME iP	01 04 19.3
		UME iP	04 14 32.5			i	01 04 32.0
		iS	04 22 22			Andeanof Islands, Aleutian Is.	
		Southern Alaska (h = 15 km).				(h = 30 km).	
"	6	UPP iP	04 40 30.0	"	7	UPP iPKP1	01 19 49.3
		UME iP	04 41 10.8			UME iPKP1	01 19 39.0
		Greece (h = 20 km).				South of Kermadec Islands (h = N).	
"	6	KIR iP	11 15 57.3	"	7	UPP iP	11 53 59.8
		Queen Charlotte Islands region				UME iP	11 54 24.1
		(h = 10 km).				North of Ascension Island	
"	6	UME iP	13 28 43.6			(h = 10 km).	
		North of Ascension Island		"	7	UPP iP	17 37 41.4
		(h = 10 km).				Myanmar-India border region	
"	6	UPP eP	13 57 08			(h = 90 km).	
			micr sec	"	7	UPP iP	21 12 34.5
		Mx	Z 0.9 17			UME iP	21 12 22.7
		KIR iP	13 56 52.3			Samar, Philippine Islands (h = N).	
			micr sec	"	7	UPP iP	23 16 30.6
		Mx	Z 1.0 17				micr sec
		UME iP	13 56 56.9			Mx	Z 0.8 15
		Mindanao, Philippine Islands				KIR Mx	23 29
		(h = 35 km).					micr sec
		M = 5.2 (UPP,KIR).				Mx	Z 0.8 15
"	6	UPP iP	16 20 32.2			UME iP	23 16 46.2
		UME iP	16 20 05.5			Western Iran (h = N).	
		Fox Islands, Aleutian Islands (h = N).				M = 4.6 (UPP,KIR).	
"	6	UPP iP	21 24 18.8	"	7	UPP iP	23 34 15.1
		Greece-Albania border region					micr sec
		(h = 55 km).				P	Z' 0.1 0.8
						UME iP	22 33 50.8
						Kuril Islands (h = 65 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
June	8	UME iSg1 MYV eSg1 Norrbotten, Sweden, 65.9°N, 21.9°E. Origin time = 10 09 45. $M_L(\text{UPP}) = 2.3$	10 10 49.3 10 11 55	June	10	UPP eP UME iP Sichuan, China (h = N).	05 19 11 05 18 52.9
"	9	UPP iP Irian Jaya region, Indonesia (h = N).	04 46 30.1	"	11	UME iP Near west coast of Honshu, Japan (h = N).	15 09 40.6
"	9	UPP iP UME iP Samar, Philippine Islands (h = N).	05 56 14.8 05 56 05.8	"	11	UPP eP UME iP North of Svalbard (h = 10 km).	09 52 47 09 52 09.5
"	9	UPP iP UME iP Kuril Islands (h = N).	08 21 40.2 08 21 16.6	"	11	UME iP Seram, Indonesia (h = 25 km).	15 07 02.7
"	9	UPP iPKP1 UME iPKP1 South of Kermadec Islands (h = N).	08 44 00.0 08 43 50.1	"	11	UPP iP UME iP Greece (h = 10 km).	18 56 21.0 18 57 01.2
"	9	UPP eP UME iP North of Ascension Island (h = 10 km).	12 29 11 12 29 31.9	"	11	UPP eP Mx Z KIR Mx Mx Z UME iP Samar, Philippine Islands (h = 35 km). M = 5.8 (UPP,KIR).	19 33 42 micr sec 3.6 16 20 16 micr sec 2.5 15 19 33 30.0
"	9	UPP eP Samar, Philippine Islands (h = N).	14 03 29	"	11	UME iP Samar, Philippine Islands (h = N).	21 32 50.0
"	9	UPP iSg1 Åland, Finland, 59.9°N, 19.9°E. Origin time = 14 13 48. By combination with Finnish station readings.	14 14 21.5	"	11	UPP iP iPP iS Mx Z KIR Mx Mx Z UME iP iPP iS Pakistan (h = 30 km). M = 5.8 (UPP,KIR).	22 03 51.8 22 05 38 22 10 20 micr sec 9.5 17 22 24 micr sec 7.3 11 22 03 51.0 22 05 31.8 22 10 21
"	9	UPP eP Greece (h = 10 km).	15 25 21	"	11	UME iP Xizang (h = N).	23 49 12.2
"	9	UPP iP UME iP Kuril Islands (h = N).	17 12 32.0 17 12 05.7	"	11		
"	10	UPP iP UME iP Sakhalin Island (h = N).	02 57 12.8 02 56 45.3	"	11		
"	10	UPP eP UME iP Samar, Philippine Islands (h = N).	04 03 26 04 03 10.4	"	11		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
June	12	UPP eP UME iP Central Peru (h = 35 km).	03 49 28 03 49 30.7	June	13	UPP iP ipP P Mx KIR Mx Mx UME iP ipP Sakhalin Islands. h = 10 km (UPP,UME). M = 5.1 (UPP,KIR).	21 45 01.5 21 45 04.6 micr sec Z' 0.1 1.4 Z 1.3 14 22 11 micr sec Z 1.1 15 21 44 33.9 21 44 37.4
"	12	UPP iP ipP P UME iP ipP Gansu, China. h = 25 km (UPP,UME).	14 57 00.5 14 57 07.2 micr sec Z' 0.1 0.7 14 56 46.1 14 56 53.0	"	13	UPP iP UME iP Sakhalin Island (h = 10 km).	21 48 53.5 21 48 26.0
"	12	UPP iP UME iP Southern Yukon Territory, Canada (h = 5 km).	17 33 51.1 17 33 25.4	"	14	UME iP Near east coast of Kamchatka (h = N).	03 21 07.4
"	12	UPP iP Samar, Philippine Islands (h = 35 km).	18 31 56.0	"	14	UPP iP UME eP Northern Iran (h = N).	05 49 19.6 05 49 31
"	12	UPP iP UME eP Kuril Islands (h = N).	20 44 07.6 20 43 42	"	14	UPP iP UME iP Off coast of Central America (h = 30 km).	05 56 26 05 56 28.4
"	13	UME iP Sakhalin Island (h = 10 km).	06 25 13.1	"	14	UPP iP iPP iSKS P Mx KIR Mx Mx UME iP ipP iPP iS Off coast of Central America (h = 25 km). M = 6.1 (UPP,KIR).	11 24 33.2 11 28 01.0 11 34 58 micr sec Z' 0.1 1.2 micr sec Z 4.4 19 12 03 micr sec Z 12 16 11 24 33.4 11 24 40.9 11 27 54.6 11 35 02
"	13	UPP iP UME iP Samar, Philippine Islands (h = 40 km).	11 23 08.4 11 22 58.2	"	14	UPP iP ipP ipP ipP Sakhalin Island. h = 10 km (UPP,UME).	10 52 40.4 10 52 44.4 10 52 14.0 10 52 17.5
"	13	UPP iP UME iP Off east coast of Honshu, Japan (h = 35 km).	18 24 33.3 18 24 10.4	"	13	UME iP Kermadec Islands region (h = 500 km).	19 10 24.3

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1995				1995			
June	14	UPP iP UME iP	11 27 49.7 11 27 47.6	June	15	UPP iP UME iP	18 44 51.9 18 44 49.6
		Off coast of Central America (h = N).				Tajikistan (h = N).	
"	14	UME iP	14 24 15.2	"	15	UPP iPKP UME iPKP	19 17 11.2 19 17 18.6
		Samar, Philippine Islands (h = N).				Scotia Sea (h = 10 km).	
"	15	UPP iP iS	00 20 39.4 00 24 36	"	15	UPP iPKP UME iPKP	19 17 39.5 19 17 46.3
			micr sec			Scotia Sea (h = 10 km).	
		P	Z' 1.2 1.1	"	15	UPP iPKP1 UME iPKP	19 41 14.1 19 41 05.9
		Mx	Z 121 13			Kermadec Islands region (h = N).	
		KIR Mx	00 32	"	15	UPP iPKP UME iPKP	19 42 52.9 19 42 00.8
			micr sec			Scotia Sea (h = 10 km).	
		Mx	Z 93 14	"	15	UPP iPKP UME iPKP	19 44 38.1 19 44 46.3
		UME iP	00 21 16.3			Scotia Sea (h = 10 km).	
		iS	00 25 42	"	15	UPP iP UME iP	23 25 50.3 23 25 25.4
		Greece (h = 15 km).				Kuril Islands (h = N).	
		M = 6.5 (UPP,KIR).		"	15	UPP iP UME iP	23 44 22.1 23 43 56.9
"	15	UPP iP	00 35 52.3	"	15	UPP iP UME iP	23 44 22.1 23 43 56.9
			micr sec			Kuril Islands (h = N).	
		P	Z' 0.1 1.1	"	15	UPP iP UME iP	23 44 22.1 23 43 56.9
		UME iP	00 36 30.2			Kuril Islands (h = N).	
		Greece (h = 10 km).		"	15	UPP iP UME iP	23 44 22.1 23 43 56.9
"	15	UPP iP UME iP	01 47 12.5 01 46 48.6	"	15	UPP iP UME iP	23 44 22.1 23 43 56.9
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	15	UPP iP UME iP	04 56 10.6 04 56 48.7	"	16	UPP i(PKP) iPKP iSKP1	14 07 58.8 14 08 07.2 14 10 44.3
		Greece (h = 10 km).				UME iPKP iSKP1	14 07 59.9 14 10 36.6
"	15	UPP iP UME iP	05 42 09.8 05 41 42.2			Fiji Islands region (h = 570 km).	
		Kamchatka (h = 120 km).		"	16	UPP iSg1 UDD iSg1 DEL iPg1 iSg1	15 44 08.4 15 43 44.2 15 42 35.9 15 42 48.6
"	15	UPP iP UME iP	07 05 52.7 07 06 26.9			Västergötland, Sweden, 57.3°N, 12.9°E.	
		Greece (h = 10 km).				Origin time = 15 42 19.	
"	15	UPP iP UME iP	14 38 50.0 14 38 22.3			M _L (UPP) = 2.3 1.	
		Off east coast of Kamchatka (h = N).					
"	15	UPP iP UME iP	15 11 16.9 15 11 55.5				
		Greece (h = 10 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
June	17	UME iSg1	00 02 23.3	June	17	UME iP	19 31 15.3
		Northwestern Norway, 66.8°N, 14.1°E. Origin time = 00 00 21. By combination with Norwegian station readings.				Volcano Islands region (h = N).	
"	17	UPP iP	01 51 15.3	"	17	UPP eP	20 42 01
			micr sec			UME iP	20 41 40.6
		Mx	Z 1.1 17			Southeast of Ryukyu Islands (h = N).	
		KIR Mx	02 48				
			micr sec	"	17	UPP iP	21 19 49.3
		Mx	Z 1.4 17			UME iP	21 19 42.1
		Flores Islands, Indonesia (h = 40 km). M = 5.5 (UPP,KIR).				Myanmar-India border region (h = N).	
"	17	UPP iP	02 42 02.2	"	18	UME iP	01 22 05.4
		UME iP	02 41 44.9			Kyushu, Japan (h = N).	
		North Pacific Ocean (h = N).		"	18	UME iP	04 33 51.4
"	17	UPP iP	05 49 04.7			Greece (h = 10 km).	
		Luzon, Philippine Islands (h = 30 km).		"	18	UME iP	07 05 14.0
"	17	UPP iP	06 15 27.7			Crete (h = 25 km).	
		UME iP	06 15 17.1	"	18	UME iP	12 13 45.9
		Talaud Islands, Indonesia (h = N).				Fiji Islands region (h = 30 km).	
"	17	UPP iP	06 19 28.2	"	18	UME iP	17 33 21.2
		Greece (h = 10 km).				Greece (h = 20 km).	
"	17	UME iP	07 54 32.8	"	18	UME iP	18 47 54.4
		Western Iran (h = N).				South of Honshu, Japan (h = N).	
"	17	UPP iP	10 14 21.9	"	18	UME iP	23 58 10.3
		Eastern Kashmir (h = 40 km).				Kuril Islands (h = N).	
"	17	UPP iP	14 25 19.8	"	19	UPP iP	01 08 51.2
		Greece (h = 10 km).				UME iP	01 08 24.3
"	17	UME iP	16 53 05.0			i	01 08 28.4
		Iran-Iraq border region (h = N).				i	01 08 38.5
"	17	UPP iP	17 15 05.5			East of Kuril Islands (h = N).	
		UME iP	17 15 01.3	"	19	UME iP	02 24 16.9
		Southern Xinjiang, China (h = N).				Kuril Islands (h = N).	
"	17	UME iP	18 16 20.7	"	19	UME iP	03 59 14.1
		Kuril Islands (h = N).				iS	04 03 31
						Greece (h = 10 km).	
"	17	UPP eP	14 55 01.1	"	19	UPP ipP	14 55 59.2
		ipP	14 55 59.2			Kodiak Island region (h = N).	
"	17	UPP iP	01 57 34.6	"	20	UPP iP	01 57 34.6
		Kuril Islands (h = N).				Belgium (h = 20 km).	

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1995				1995			
June	20	UPP	iPKP1	15 34 40.5	June	22	(cont).
				South of Fiji Island (h = N).			UME iS 01 14 11
"	20	UPP	iPKP	18 14 52.0			Russia-Mongolia border region
				South Sandwich Islands region			(h = 15 km).
				(h = 100 km).			M = 5.5 (UPP,KIR).
"	20	UPP	iPn	21 23 54.5	"	22	UPP iPg1 18 09 56.1
			iSn	21 25 03.4			iSg1 18 10 16.4
			iSg1	21 25 46.0		UDD	iPg1 18 09 51.8
		UDD	iPn	21 23 28.0			iSg1 18 10 12.1
			iPg1	21 23 42.7		DEL	iSg1 18 10 36.8
			iSg1	21 24 47.0			Närke, Sweden, 58.8°N, 15.1°E.
		DEL	iPn	21 23 58.6			Rockburst at the Zinkgruvan mine.
			iSg1	21 26 01.3	"	22	UPP iP 20 00 10.0
		MYV	iPn	21 23 27.4			Minahassa Peninsula, Sulawesi
			iSg1	21 24 44.0			(h = 220 km).
			i	21 24 48.0	"	23	UPP iP 15 06 27.8
				Off coast of southwestern Norway,			Bonin Islands region (h = 480 km).
				61.7°N, 4.0°E.	"	23	UPP iPKP1 16 30 15.6
				Origin time = 21 22 14.			South of Fiji Islands (h = 110 km).
				$M_L(UPP) = 3.6 (0.22) 3.$	"	24	UPP iPKP 07 16 03.6 D
				Felt.			iPKKP 07 26 41.1
				By combination with Finnish and			micr sec
				Norwegian station readings.			Mx Z 6.0 20
"	21	UPP	iPKP1	15 49 03.1		KIR	Mx 08 03
			iPKP2	15 49 28.2			micr sec
				micr sec			Mx Z 3.8 19
			Mx	Z 12 23			New Ireland, region (h = 390 km).
		KIR	Mx	17 00			M = 6.0 (UPP,KIR).
				micr sec			M uncorrected for focal depth.
			Mx	Z 13 21	"	25	UPP iP 01 10 21.3
				Balleny Islands region (h = 10 km).			Greece (h = 25 km).
				M = 6.7 (UPP,KIR).	"	25	UPP iPKP 02 29 13.5
"	21	UPP	iP	18 45 47.8			micr sec
				Southern India (h = N).			Mx Z 8.3 24
"	21	UPP	iP	20 35 05.7		KIR	Mx 03 14
				Queen Charlotte Islands region			micr sec
				(h = 10 km).			Mx Z 8.9 21
"	22	UPP	iP	01 08 58.5			New Ireland region (h = 30 km).
			iS	01 15 06			M = 6.2 (UPP,KIR).
				micr sec	"	25	UPP iP 06 45 59.0
			Mx	Z 4.0 12			Tajikistan (h = 160 km).
		KIR	Mx	01 25			
				micr sec			
			Mx	Z 5.5 13			
				(cont).			

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
June	25	UPP	iP	07 10 47.2 C	June	27	UPP	iP	10 22 00.0
			ipP	07 11 01.5				ipP	10 22 03.6
			iPP	07 13 37.6				iS	10 31 58
			iS	07 20 24					micr sec
				micr sec				P	Z' 0.1 0.8
			P	Z' 0.3 1.0				Mx	Z 3.3 20
			Mx	Z 7.9 23			KIR	Mx	10 56
		KIR	Mx	07 45					micr sec
				micr sec				Mx	Z 4.9 15
			Mx	Z 3.4 17					Caribbean Sea (h = 10 km).
		UME	iS	07 19 50					M = 5.8 (UPP,KIR).
				Taiwan (h = 50 km).					
				M = 5.8 (UPP,KIR).	"	27	UPP	iP	16 59 02.1 D
"	25	UPP	iP	08 14 31.2					Chagos Archipelago region
				Kuril Islands (h = 40 km).					(h = 10 km).
"	25	UPP	iP	09 08 28.8	"	27	UPP	iPKP	17 34 28.1
				Sakhalin Island (h = N).					New Ireland region (h = 390 km).
"	25	UPP	iP	12 37 05.6	"	27	UPP	iP	21 25 40.3
				micr sec					Mauzitius-Reunion region
			P	Z' 0.1 0.8					(h = 10 km).
				Northeast of Taiwan (h = 190 km).	"	28	UPP	eP	05 50 35
"	26	UPP	iPKP	10 38 09.5					North Sea (h = 10 km).
				Loyalty Island region (h = N).	"	28	UPP	iP	11 25 51.3
"	26	UPP	iP	20 49 46.5					Andreanof Islands, Aleutian Is.
				Northern Mid-Atlantic Ridge					(h = N).
				(h = 10 km).	"	28	UPP	iP	11 35 27.2
"	26	UPP	eP	21 37 34					Philippine Islands region (h = N).
			iS	21 46 17	"	28	UPP	iP	12 16 35.4
				micr sec					Chiapas, Mexico (h = 180 km).
			Mx	Z 2.7 17	"	28	UPP	iSg1	13 25 13.4
		KIR	Mx	22 02				MYV	iSn
				micr sec					13 23 26.0
			Mx	Z 1.3 19					Northwestern Norway,
				Central Mid-Atlantic Ridge					66.4°N, 13.4°E.
				(h = 10 km).					Origin time = 13 21 43.
				M = 5.3 (UPP,KIR).					M _L (UPP) = 2.7 1.
"	27	UPP	iPKP	04 28 16.7					By combination with Finnish and
				South Sandwich Islands region					Norwegian station readings.
				(h = N).	"	28	UPP	iP	14 26 48.2
"	27	UPP	ePKP	04 41 25					Taiwan region (h = N).
				South Sandwich Islands region	"	28	UPP	eP	20 14 19
				(h = N).					Xizang (h = 30 km).

SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

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1995					1995				
July	1	UPP	iP	04 20 30.4	July	3	UDD	iSg1	12 55 10.6
				Arabian Sea (h = 10 km).					Northern Norway, 69.7°N, 25.0°E.
"	1	UPP	iP	14 37 16.5					Origin time = 12 49 37.
				Arabian Sea (h = 10 km).					$M_L(UPP) = 2.9$ 1.
"	2	UPP	Mx	01 07	"	3	UPP	ePdiff	20 08 06
				micr sec				iPKP1	20 10 29.0
				Z 1.4 20				iPKP2	20 10 31.5
"	2	KIR	Mx	01 10				iPP	20 13 57
				micr sec					micr sec
				Z 1.5 18				P	Z' 0.4 1.6
				South Sandwich Islands region				P	Z' 0.8 0.8
				(h = N).				Mx	Z 72 23
				M = 5.6 (UPP,KIR).			KIR	ePKP	20 10 07
"	2	UPP	iPKP1	11 33 30.0				ePP	20 13 10
				South of Fiji Islands (h = 500 km).					micr sec
"	3	UPP	iP	00 04 44.7 D			UME	iPdiff	20 07 49
				Near s. coast of Honshu, Japan				iPKP	20 10 14
				(h = 120 km).				iPP	20 13 34
"	3	UPP	eP	00 39 48					Kermadec Islands, New Zealand
				Turkey (h = N).					(h = 35 km).
"	3	UPP	eP	01 09 47	"	3	UPP	iPKP1	22 16 26.4
				Eastern Xizang-India border reg.				iPKP2	22 16 29.1
				(h = N).					micr sec
"	3	UPP	iP	02 44 06.9				P	Z' 0.1 1.4
				Hindu Kush region, Afghanistan				P	Z' 0.7 1.0
				(h = 200 km).				Mx	Z 2.6 21

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
July	7	UPP	Mx	11 50	July	8	UPP	iP	11 55 25.4
				micr sec					micr sec
			Mx	Z 1.7 18				Mx	Z 1.8 17
		KIR	Mx	11 55			KIR	Mx	12 25
				micr sec					micr sec
			Mx	Z 1.3 19				Mx	Z 2.1 19
		Southwest of Africa (h = 10 km).					Carlsberg Ridge (h = 10 km).		
		M = 5.6 (UPP,KIR).							
"	7	UPP	iP	11 44 15.0	"	8	UPP	iP	17 26 16.7
		Off east coast of Honshu, Japan						iS	17 35 08
		(h = 25 km).							micr sec
								Mx	Z 5.7 22
							KIR	Mx	17 57
									micr sec
"	7	UPP	iPKP1	13 43 38.7				Mx	Z 5.8 16
			iPKP2	13 43 41.6			UME	iS	17 34 20
				micr sec			Unimak Island region (h = 20 km).		
			P	Z' 0.1 1.0			M = 5.7 (UPP,KIR).		
			P	Z' 0.1 0.8					
		Kermadec Islands, New Zealand							
		(h = 50 km).			"	9	UPP	iPKP1	00 09 13.0
									micr sec
"	7	UPP	iP	20 28 01.5				P	Z' 0.1 0.9
		Kuril Islands (h = 55 km).						Mx	Z 1.2 22
							KIR	Mx	01 05
									micr sec
"	7	UPP	iP	21 26 20.8 C				Mx	Z 1.6 21
			iS	21 35 22			South of Fiji Islands (h = 20 km).		
			iScS	21 35 51			M = 5.6 (UPP,KIR).		
				micr sec					
			P	Z' 0.4 1.0					
		Near s. coast of Honshu, Japan.			"	9	UPP	iP	02 17 13.5
		h = 410 km (UPP).					Greece (h = 10 km).		
"	8	UPP	iP	05 54 13.0	"	9	UPP	iP	02 37 16.6 C
			iS	06 03 28			Afghanistan-Tajikistan bord reg.		
				micr sec			(h = 120 km).		
			Mx	Z 8.0 14					
		KIR	Mx	06 27	"	9	UPP	iP	11 59 10.7
				micr sec			Unimak Island region (h = N).		
			Mx	Z 11 15					
		UME	iS	06 02 46	"	9	UPP	iP	16 06 05.5 D
		Off east coast of Honshu, Japan					Qinghai, China (h = N).		
		(h = 10 km).							
		M = 6.1 (UPP,KIR).			"	9	UPP	iP	17 27 34.4
							Unimak Island region (h = N).		
"	8	UPP	iP	06 59 02.0	"	9	UPP	iPKP1	18 07 31.1
		Hokkaido, Japan region (h = 330 km).					South of Tonga Islands (h = N).		
"	8	UPP	iP	11 49 48.2	"	9	UPP	iP	18 53 32.6
		Carlsberg Ridge (h = 10 km).					Arabian Sea (h = 10 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995							
July	9	UPP	iP	20 42 26.0	July	12	UPP	iP	18 51 37.0 C		
			i	20 42 28.4				iS	19 02 16		
			i	20 42 47.5					micr sec		
			iS	20 51 20				Mx	Z 3.6 18		
				micr sec			KIR	Mx	19 34		
			Mx	Z 6.3 21					micr sec		
		KIR	Mx	21 11				Mx	Z 1.9 15		
				micr sec			UME	iS	19 01 49		
			Mx	Z 7.3 16			Samar, Philippine Islands (h = 35 km).				
		UME	iS	20 51 00			M = 5.7 (UPP,KIR).				
		Myanmar-China border region (h = 10 km).					"	13	UPP	i(PKP)	00 19 41.4
		M = 5.8 (UPP,KIR).							iPKP	00 19 48.0	
										micr sec	
"	9	UPP	iP	21 40 09.6				Mx	Z 2.6 21		
		Myanmar-China border region (h = 10 km).					KIR	Mx	01 17		
									micr sec		
								Mx	Z 2.6 19		
"	10	UPP	iP	18 17 29.2			Loyalty Islands region (h = 15 km).				
		Greece (h = 10 km).					M = 5.9 (UPP,KIR).				
"	10	UPP	iP	22 54 10.2			"	13	UPP	iPKP2	15 38 10.2
		Myanmar-China border region (h = 10 km).					Kermadec Islands region (h = 80 km).				
"	11	UPP	iP	21 57 33.5			"	13	UPP	iP	19 58 15.9
			i	21 57 42.5			"	14	UPP	iP	17 04 37.0
			iS	22 06 28					i	17 04 40.1	
				micr sec						micr sec	
			Mx	Z 97 24					Mx	Z 3.4 18	
		KIR	Mx	22 26			KIR	iP	17 04 12.5		
				micr sec				i	17 04 15.7		
			Mx	Z 92 19					micr sec		
		UME	iS	22 06 08				Mx	Z 1.9 15		
		Myanmar-China border region (h = 15 km).					Taiwan (h = 10 km).				
		M = 6.9 (UPP,KIR).					M = 5.5 (UPP,KIR).				
"	11	UPP	iP	23 54 04.7			"	14	UPP	iP	19 17 18.2
		Pakistan (h = 25 km).							iPcP	19 17 46.4	
								KIR	iP	19 16 24.8	
							Fox Islands, Aleutian Islands (h = N).				
"	12	UPP	ePKP	16 06 23			"	14	UPP	iPKP	22 29 11.7
				micr sec			South of Kermadec Islands (h = N).				
			Mx	Z 9.9 22			"	15	UPP	i(PKP)	01 53 52.0
		KIR	Mx	17 04					KIR	iPKP	01 53 44.3
				micr sec							
			Mx	Z 8.5 20							
		Loyalty Islands region (h = 10 km).									
		M = 6.4 (UPP,KIR).									

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
July	20	UPP	iP ipP	00 27 46.0 D 00 27 49.6	July	20	KIR	iP	12 39 37.2
									Jan Mayen Island region (h = 10 km).
									"
"	20	KIR	eP	02 14 32	"	20	UPP	iP	20 51 59.7
				Northwestern Balkan region (h = 10 km).					Hindu Kush region, Afghanistan (h = N).
"	20	KIR	iP	05 20 44.5 D	"	21	UPP	iP	06 00 11.4
		UME	iP	05 20 23.9 D					North Atlantic Ocean (h = 10 km).
				Northwest of Madagascar (h = 10 km).	"	21	UPP	iP	07 41 45.2
"	20	UPP	iP	07 28 14.5				iPcP	07 42 14.2
				El Salvador (h = 80 km).			KIR	iP	07 40 58.6
"	20	UPP	iP	09 03 33.0					Northwest of Kuril Islands (h = 300 km).
			i	09 04 25.7	"	21	UPP	iP	13 32 15.7
				micr sec					Greece (h = 60 km).
			P	Z' 0.1 1.0	"	21	UPP	iP	22 53 50.6 C
		KIR	iP	09 02 40.8				i	22 53 51.8
			i	09 02 50.9				i	22 53 55.3
		UME	iP	09 03 07.4				iS	23 01 48
			iPcP	09 03 42.4					micr sec
				Andreanof Islands, Aleutian Is. (h = 210 km).			P	Z' 0.1 0.6	
"	20	UPP	iPKP	11 17 16.0			P	Z' 0.3 1.1	
			i	11 17 35.1			Mx	Z 3.5 12	
		KIR	iSKP1	11 20 51.5		KIR	iP	22 53 30.4 C	
				micr sec			i	22 53 32.0	
			P	Z' 0.1 1.4			i	22 53 35.3	
		UME	iPKP	11 17 26.5					micr sec
			i	11 17 44.3			P	Z' 0.2 1.0	
				South Sandwich Islands region (h = N).			P	Z' 0.8 1.8	
"	20	KIR	iPg1	12 23 18.4			Mx	Z 5.6 11	
			iSg1	12 23 46.3		UME	eP	22 53 34 C	
		UME	iSn	12 25 17.4			iS	23 01 18	
			iSg1	12 25 41.6					Gansu, China (h = 15 km). m = 6.3, M = 5.7 (UPP,KIR). 3 P-phases with successively increasing amplitudes. If the 3rd phase is interpreted as pP, a focal depth of 15 km (UPP,KIR) is obtained.
		UDD	iSg1	12 27 39.2	"	22	UPP	iP	00 15 53.4
				Off coast of northwestern Norway, 69.4°N, 16.8°E. Origin time = 12 22 41. M _L (UPP) = 3.0 (0.05) 3. By combination with Finnish and Norwegian station readings.					Gansu, China (h = 10 km).
"	20	KIR	iPg1	12 23 18.4	"	22	UPP	iP	07 03 38.1
			iSg1	12 23 46.3				iLg1	07 05 54.5
		UME	iSn	12 25 17.4				eLg2	07 06 09
			iSg1	12 25 41.6					Poland (h = 5 km).
		UDD	iSg1	12 27 39.2					

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1995				1995			
July	22	UPP	iPKP2	07 09 16.8	July	25	(cont).
				South of Kermadec Islands (h = N).			UPP Mx Z 4.1 19
"	22	UPP	iLg2	11 26 24.3			KIR iP 19 19 13.1
				Poland (h = 20 km).			micr sec
"	22	UPP	iP	13 43 33.9			P Z' 0.4 1.8
				Malawi (h = 10 km).			Mx Z 3.1 17
"	22	UPP	iP	18 50 27.4	"	24	KIR iP 19 26 36.8
		KIR	iP	18 49 44.7			i 19 26 45.2
				Hokkaido, Japan region (h = 130 km).			iS 19 28 07.1
"	22	UPP	iSg1	19 03 08.2			i 19 28 20.6
		UDD	iSg1	19 03 23.9			Jan Mayen Island region (h = 10 km).
		MYV	ePg1	19 02 28.0	"	25	UPP eP 15 24 08
			iSg1	19 02 47.4			iS 15 32 51
				Coast of Medelpad, Sweden, 62.2°N, 17.8°E. Origin time = 19 02 00. M _L (UPP) = 2.1 (0.09) 2. By combination with Finnish station readings.			micr sec
"	23	UPP	iPKP2	18 18 24.4			Mx Z 2.0 17
				South of Tonga Islands (h = 50 km).			KIR iP 15 24 37.8
"	23	UPP	iP	18 49 12.9			i 15 24 45.5
		KIR	iP	18 50 27.8			i 15 24 50.1
				Sicily (h = N).			micr sec
"	24	KIR	iP	06 15 52.1			Mx Z 1.5 18
				Northern Yukon Territory, Canada (h = 10 km).	"	25	UME iP 15 24 25.7
"	24	UPP	iP	10 31 26.0			Northern Mid-Atlantic Ridge (h = 10 km). M = 5.3 (UPP,KIR).
				micr sec			UPP iP 20 36 43.3
		Mx	Z	4.8 17			UME iP 20 37 11.2
		KIR	iP	10 30 56.8			Turkey (h = 25 km). P-phases are delayed by about 6 s when related to the NEIC solution.
				micr sec	"	25	UPP iP 21 14 33.3
		Mx	Z	5.9 19			Near east coast of Kamchatka (h = 55 km).
				Ryukyu Islands (h = 40 km). M = 5.8 (UPP,KIR).	"	25	UPP iP 22 50 22.0
"	24	UPP	iPKP1	18 55 14.2			micr sec
				South of Kermadec Islands (h = N).			P Z' 0.1 0.8
"	24	UPP	iP	19 19 09.5			Mx Z 1.2 18
				micr sec			KIR iP 22 49 38.0
		P	Z'	0.1 1.3			i 22 49 40.0
				(cont).			micr sec
							Mx Z 1.3 19
							UME iP 22 49 59.0
							Kuril Islands (h = 40 km). M = 5.1 (UPP,KIR).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
July	26	UPP	iPKP1	00 07 06.2	July	27	(cont).
		UME	iPKP	00 06 55.7			KIR
				South of Fiji Islands (h = 470 km).			iP
							06 04 21.6 C
"	26	UPP	i(PKP)	09 28 29.5			i
			iPKP	09 28 42.8			06 04 27.9
		KIR	i(PKP)	09 28 23.1			i
			iPKP	09 28 28.7			06 04 29.9
				Tonga Islands (h = 240 km).			micr sec
							P
							Z' 1.5 2.0
							Mx
							Z 4.3 16
		UME	iP	06 04 11.1 C			UME
			i	06 04 17.3			iP
			i	06 04 19.0			i
			iS	06 14 48			South Indian Ocean (h = 15 km).
				Tajikistan (h = 60 km).			m = 6.8, M = 5.9 (UPP,KIR).
"	26	UPP	eP	20 55 12	"	27	UPP
			i	20 55 15.3			iP
		KIR	eP	20 55 20			06 08 19.4
		UME	iP	20 55 13.6			KIR
							iP
							06 08 37.6 C
							micr sec
							P
							Z' 0.1 1.0
							UME
							iP
							06 08 26.8
							South Indian Ocean (h = 10 km).
"	26	UPP	iP	23 55 31.1	"	27	UPP
			i	23 55 37.5			iP
			i	23 55 52.4			12 35 04.6
			iPP	23 59 28.7			UME
			iS	24 05 57			iP
			i	24 06 31			12 35 02.0
				micr sec			Jawa, Indonesia (h = 70 km).
				Mx			Z 6.9 26
		KIR	iP	23 55 14.1	"	27	UPP
			i	23 55 22.4			iP
			i	24 05 24.3			ipP
			i	24 06 18.9			15 28 16.1
				micr sec			KIR
				P			iP
				Z' 0.1 1.0			i
				Mx			ipP
				Z 10 25			15 28 19.8
		UME	iP	23 55 20.4			micr sec
			i	23 55 30.1			P
			iPP	23 59 09.3			Z' 0.1 0.8
			iSKS	24 05 50			UME
			iS	24 06 24			iP
				Northern Molucca Sea (h = 70 km).			15 28 08.1
				M = 6.1 (UPP,KIR).			ipP
				M uncorrected for focal depth.			15 28 15.2
							Nicobar Islands, India.
							h = 25 km (UPP,KIR,UME).
"	27	UPP	iPP	06 04 03.5 C	"	27	UPP
			i	06 04 09.8			iP
			i	06 04 11.8			22 17 29.7
			iPP	06 07 36			KIR
			iS	06 14 37			iP
			i	06 15 49			22 16 33.4
				micr sec			UME
				P			iP
				Z' 0.9 2.0			22 17 02.3
				Mx			Southern Alaska (h = 30 km).
				Z 4.3 20			P-arrivals are 3-4 s early when related to the NEIC solution.
"	27	UPP	iPP	06 04 03.5 C	"	28	UPP
			i	06 04 09.8			iP
			i	06 04 11.8			22 30 39.5
			iPP	06 07 36			KIR
			iS	06 14 37			iP
			i	06 15 49			22 30 43.0
				micr sec			UME
				P			iP
				Z' 0.9 2.0			22 30 38.2
				Mx			Nicobar Islands, India (h = N).
				Z 4.3 20			

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
July	28	KIR	iP	03 41 54.0	July	29	UPP	iP	08 05 04.2
				Jan Mayen Island region (h = 10 km).				i2	08 05 05.6
"	28	UPP	iPKP1	06 10 21.4				ipP	08 05 09.3
				South of Fiji Islands (h = 500 km).			KIR	iP	08 06 13.5
"	28	UPP	iP	07 40 54.9				i2	08 06 14.7
			i	07 41 03.7				ipP	08 06 18.6
		KIR	iP	07 40 38.1				P	Z' 0.1 0.7
		UME	i	07 40 55.4			UME	i2	08 05 39.5
				Luzon, Philippine Islands				ipP	08 05 43.3
				(h = 20 km).					Crete.
"	28	UPP	iP	08 06 38.8					h = 15 km (UPP,KIR,UME).
			i	08 06 41.9					Focal depth estimated from pP-i2
				Xizang (h = 70 km).					time differences.
"	28	UPP	i(PKP)	14 48 18.9	"	29	UPP	iP	08 14 46.4
			i(PKP)	14 48 22.6					micr sec
			iPKS	14 52 03.4				Mx	Z 3.3 20
				micr sec			KIR	iP	08 14 31.4
			P	Z' 0.1 0.7					micr sec
			Mx	Z 3.5 23				P	Z' 0.3 2.2
		KIR	i(PKP)	14 48 03.5				Mx	Z 3.4 18
			iPKP	14 48 14.0			UME	iP	08 14 36.5
			iPP	14 50 31.3					Talau Islands (h = 55 km).
			iSKP1	14 51 39.2					M = 5.8 (UPP,KIR).
				micr sec	"	29	UME	iPKP	12 46 31.8
			P	Z' 1.4 2.4					Fiji Islands region (h = 590 km).
			Mx	Z 1.7 19	"	29	UPP	iP	16 29 54.2 D
		UME	i(PKP)	14 48 10.0				iS	16 39 04.1
			i(PKP)	14 48 16.8					micr sec
			iPKP	14 48 21.2				P	Z' 0.3 0.7
			iPP	14 50 58.0			KIR	iP	16 29 23.6 D
			iSKP1	14 51 47.1				iS	16 38 11.4
				Tonga Islands (h = 90 km).					micr sec
				M = 5.9 (UPP,KIR).				P	Z' 0.2 0.8
				M uncorrected for focal depth.			UME	iP	16 29 37.4 D
"	28	UPP	iPKP1	20 21 04.8				i	16 30 37.3
				South of Fiji Islands (h = 40 km).				i	16 31 19.2
"	28	UPP	iP	21 13 23.5				iS	16 38 32.1
				Pakistan (h = N).					South of Honshu, Japan (h = 440 km).
"	28	UPP	iP	22 47 59.2					m = 5.8 (UPP,KIR).
		UME	iP	22 48 37.5					If the arrival at UME at 16 31 19 is
				Greece (h = 10 km).					interpreted as pP, a focal depth of
									480 km is obtained.
"	29	UPP	iP	18 35 28.8 C					

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995

July	30	UPP	ePP	21 24 41
			iSKS	21 30 50
			iS	21 32 22
			i	21 34 12
				micr sec
			Mx	Z 3.5 20
		KIR	e(PP)	21 24 48
				micr sec
			Mx	Z 3.8 20
		UME	ePP	21 24 55
		UME	iSKS	21 31 04
			iS	21 32 42

Near coast of northern Chile

(h = 15 km).

M = 5.9 (UPP,KIR).

"	31	UPP	iP	07 14 26.9
			epP	07 14 34
		KIR	iP	07 14 51.0
			ipP	07 14 58.5
				micr sec
			P	Z' 0.2 2.0
		UME	iP	07 14 43.7
			ipP	07 14 51.1

Northern Mid-Atlantic Ridge.

h = 25 km (UPP,KIR,UME).

"	31	UPP	iP	08 08 35.5
		KIR	iP	08 09 45.8
		UME	iP	08 09 09.7

Crete (h = N).

"	31	UPP	iP	09 02 16.7
				micr sec
			Mx	Z 0.8 20
		KIR	iP	09 02 23.8
		UME	iP	09 02 23.7

Near coast of Peru (h = 60 km).

"	31	UPP	iPKP1	10 14 02.4 D
			iPKP2	10 14 05.8
		UME	iPKP1	10 13 52.2 D

Kermadec Islands region
(h = 310 km).

"	31	UPP	iPKP2	15 01 14.8
		UME	iPKP	15 00 50.2
			iPKP1	15 00 52.6

South of Kermadec Islands
(h = 510 km).

February 25, 1997

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 SWEDEN

SEISMOLOGISKA AVDELNINGEN
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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

AUGUST 1 - 31, 1995

1995					1995				
Aug.	1	UPP	iP	02 21 35.3 C	Aug.	2	UPP	Mx	17 26
			i	02 21 43.9					micr sec
				Kuril Islands (h = 40 km).				Mx	Z 1.5 22
"	1	UPP	iP	09 13 04.3			KIR	Mx	17 28
				Ryukyu Islands (h = N).					micr sec
								Mx	Z 1.7 22
"	1	UPP	iP	15 39 39.7					Near coast of northern Chile (h = N).
				Off east coast of Honshu, Japan					M = 5.5 (UPP,KIR).
				(h = 35 km).	"	2	UPP	eP	17 36 27
"	2	UPP	iPdiff	00 28 30	"	2	UPP	iPKP1	19 16 07.1
			i	00 32 56.0					South of Kermadec Islands
			i	00 40 36					(h = 180 km).
			i	00 42 30.0	"	2	UPP	iP	19 32 05.6
				micr sec					Cyprus region (h = 60 km).
		Mx	Z	2.8 19	"	2	UPP	iPKP1	21 59 14.7
		KIR	Mx	01 16					South of Kermadec Islands
				micr sec					(h = 100 km).
		Mx	Z	3.0 19	"	3	UPP	iP	01 21 25.7
				Near coast of northern Chile				iS	01 25 26.0
				(h = N).					micr sec
				M = 5.8 (UPP,KIR).				Mx	Z 1.1 17
"	2	UPP	Mx	12 07			KIR	Mx	01 27
				micr sec					micr sec
			Mx	Z 1.9 20				Mx	Z 1.2 11
		KIR	Mx	12 10					North of Svalbard (h = 10 km).
				micr sec					
			Mx	Z 1.7 19					
				Near coast of northern Chile (h = N).					
				M = 5.6 (UPP,KIR).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995							
Aug.	7	UPP	iP	19 31 27.9	Aug.	14	UPP	iPKP	04 55 43.6		
				micr sec					micr sec		
			Mx	Z 3.3 20				Mx	Z 7.0 17		
		KIR	Mx	20 45			KIR	Mx	05 40		
				micr sec					micr sec		
			Mx	Z 2.3 18				Mx	Z 5.3 18		
		Northeast of Taiwan (h = 160 km).					New Britain region (h = 130 km).				
		M = 5.5 (UPP,KIR).					M = 6.2 (UPP,KIR).				
		M uncorrected for focal depth.					M uncorrected for focal depth.				
"	8	UPP	iP	00 48 13.3	"	14	UPP	iP	05 06 20.0		
			i	00 48 21.3			UME	iP	05 06 41.3		
		Samar, Philippine Islands									
		(h = 30 km).									
"	8	UME	iSg1	01 15 09.6	"	14	UPP	iP	18 01 40.3		
		Lapland, Sweden, 64.8°N, 18.5°E.							Greece (h = 10 km).		
		Origin time = 01 14 29.									
		By combination with Finnish station readings.									
"	8	UPP	Mx	01 32	"	15	KIR	iPn	07 59 29.7		
				micr sec				iSg1	08 00 42.7		
			Mx	Z 1.6 17			UME	iPn	08 00 35.1		
		KIR	Mx	01 30				iSn	08 02 57.5		
				micr sec					Norwegian Sea, 71.2°N, 13.3°E.		
			Mx	Z 1.4 17					Origin time = 07 58 31.		
		Samar, Philippine Islands							By combination with Finnish and Norwegian station readings.		
		(h = 30 km).					"	16	UPP	iPKP	01 41 02.0 C
		M = 5.4 (UPP,KIR).							South of Fiji Islands (h = 540 km).		
"	10	UPP	eP	00 52 59	"	16	UPP	iPdiff	10 42 26		
		Mozambique Channel (h = 10 km).						iPP	10 47 24		
"	12	UPP	iP	22 13 39.8					micr sec		
		Kyushu (h = N).						Mx	Z 202 22		
							KIR	Mx	11 28		
									micr sec		
"	12	UPP	iP	22 55 25.0	"	16	UPP	iP	10 56 41.1		
				micr sec							
			P	Z' 0.1 1.0	"	16	UPP	iPKP	11 40 36.8		
		KIR	i	22 54 30.0 C				iSKP1	11 43 48.2		
				micr sec				i	11 43 51.7		
			P	Z' 0.1 1.0					Vanuatu Islands (h = 140 km).		
		Kuril Islands (h = N).					"	16	UPP	iP	11 44 47.3
		m = 5.9 (UPP,KIR).					"	16	UPP	iP	11 53 06.1
"	13	UPP	iP	05 22 22.0							
		Greece (h = 25 km).									

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Aug.	16	UPP	iPKP	15 22 51.3	Aug.	17	UPP	iPKP	05 54 52.6
			i	15 22 56.5					Loyalty Islands region (h = 70 km).
			i	15 23 03.5					
			i	15 26 30.8	"	17	UPP	iP	15 55 21.2
				micr sec					micr sec
			P	Z' 0.9 1.1				P	Z' 0.1 1.0
				Kermadec Islands region			KIR	iP	15 54 34.3
				(h = 460 km).					micr sec
"	16	UPP	iP	15 54 37.4				P	Z' 0.1 0.1
									Kuril Islands (h = N).
"	16	UPP	iP	16 53 45.2					m = 5.8 (UPP,KIR).
"	16	UPP	iP	17 30 14.7	"	17	UPP	iP	15 58 16.5
				Andreanof Islands, Aleutian Is.					Kuril Islands (h = N).
				(h = N).	"	17	UPP	iP	16 36 18.7
"	16	UPP	iPKP1	18 28 22.6					Samar, Philippine Islands
			iPKP2	18 28 30.0					(h = 30 km).
				South of Kermadec Islands	"	17	UPP	iP	21 34 01.0
				(h = 460 km).					Southwestern Ryukyu Islands (h = N).
"	16	UPP	iP	21 10 36.0	"	17	UPP	eP	22 51 57
				Ryukyu Islands (h = 20 km).					Central California (h = 5 km).
"	16	UPP	ePdiff	23 25 32	"	17	UPP	iP	23 21 41.9 C
			iPKP	23 29 06.1				i	23 24 28
			iPP	23 30 34				iS	23 27 38
				Solomon Islands (h = N).					micr sec
"	16	UPP	iP	23 39 31.0				P	Z' 0.6 1.0
							KIR	iP	23 21 50.4 C
"	17	UPP	iP	00 01 37.4 D					micr sec
			i	00 01 46.3				P	Z' 0.5 0.9
		KIR	iP	00 00 44.8					Afghanistan-Tajikistan bord reg.
				Rat Islands, Aleutian Islands (h = N).					(h = 230 km).
"	17	UPP	ePKP	00 34 33	"	17	UPP	iP	23 49 23.4
				Solomon Islands (h = 15 km).					Carlsberg Ridge (h = 10 km).
"	17	UPP	eP	00 45 02	"	18	UPP	eP	00 57 34
								i	01 01 52
"	17	UPP	iP	01 08 25.0 C					Turkey (h = 30 km).
				micr sec	"	18	UPP	iP	02 11 37.2
			P	Z' 0.5 0.7					Mariana Islands (h = 70 km).
		KIR	iP	01 08 09.7 C	"	18	UPP	ePKP	02 35 13
				micr sec					South Sandwich Islands region
			P	Z' 0.4 0.9					(h = 40 km).
				Southern Sinkiang, China.					
				m = 6.4 (UPP,KIR).					
				Underground explosion.					

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1995				1995							
Aug.	18	UPP	iP	09 28 57.0	Aug.	20	UPP	iP	01 47 41.7		
			i	09 29 09.7					Ukraine-Moldova-sw Russia region		
				Unimak Island region (h = N).					(h = N).		
"	18	UPP	iSg1	13 30 06.4	"	20	UPP	iP	09 25 49.0		
		KIR	iSg1	13 31 24.6					Aegean Sea (h = 10 km).		
		UME	i	13 30 06.4	"	20	UPP	iP	19 25 54.5		
			iSg1	13 30 30.8					Greece (h = 10 km).		
		DEL	iSn	13 29 28.2	"	20	UPP	iP	19 32 22.6		
			iSg1	13 30 20.7					Greece (h = 10 km).		
		MYV	iPg1	13 28 00.0	"	21	UPP	iP	02 38 12.3		
			iSg1	13 29 01.4					Mariana Islands (h = N).		
				Off coast of southwestern Norway,	"	22	UPP	iP	00 56 53.6		
				61.7°N, 3.9°E.					Xizang (h = N).		
				Origin time 13 26 33.	"	22	UPP	iP	05 39 17.0		
				$M_L(\text{UPP}) = 3.5 (0.16) 4.$					iPP	05 39 44.1	
				By combination with Finnish and					iS	05 43 21.0	
				Norwegian station readings.						micr sec	
"	18	UPP	iP	19 19 37.1	"	22	UPP	iP	05 39 17.0		
				micr sec					iPP	05 39 44.1	
			P	Z' 0.1 1.0					iS	05 43 21.0	
		KIR	iP	19 19 09.9						micr sec	
				micr sec					P	Z' 0.1 0.6	
			P	Z' 0.1 1.0						Dodecanese Islands (h = 170 km).	
				Mariana Islands (h = 590 km).	"	22	UPP	iPKP1	22 31 38.6		
				m = 5.6 (UPP,KIR).					i	22 31 43.4	
"	19	UPP	iP	20 35 14.0					i	22 31 52.8	
				Central Kazakhstan (h = 30 km).						micr sec	
"	19	UPP	iP	21 56 05.9 D	"	23	UPP	iP	07 18 02.6		
			ipP	21 56 38.5					i	07 18 04.1	
			iS	22 06 34					iPP	07 21 56	
				micr sec					iS	07 28 01.4	
			P	Z' 0.9 1.0					i	07 29 24	
			Mx	Z 6.6 22						micr sec	
		KIR	iP	21 56 07.9 D					P	Z' 0.9 0.8	
				micr sec					Mx	Z 15 15	
			P	Z' 1.8 1.0					KIR	iP	07 17 35.3
			Mx	Z 2.8 20						micr sec	
				Colombia (h = 120 km).					P	Z' 4.0 0.9	
				m = 6.9, M = 5.8 (UPP,KIR).					Mx	Z 6.7 16	
				M uncorrected for focal depth.						Mariana Islands (h = 600 km).	
"	20	UPP	iPKP2	01 40 15.3						m = 6.9, M = 6.3 (UPP,KIR).	
			i	01 40 20.1						M uncorrected for focal depth.	
				Kermadec Islands (h = N).							

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1995				1995						
Aug.	23	UPP	iP	07 58 33.8	Aug.	24	UPP	iP	08 07 27.0	
				Costa Rica (h = N).			KIR	iP	08 06 58.5	
									micr sec	
"	23	UPP	iP	08 09 35.8			P	Z'	0.4 0.8	
				micr sec					Mariana Islands (h = 590 km).	
			P	Z'	0.1 0.8					
		KIR	iP	08 09 03.0 D	"	24	UPP	iP	17 31 24.5	
				micr sec					Northern Italy (h = 35 km).	
			P	Z'	0.2 0.6					
				Mariana Islands (h = 570 km).						
				m = 5.9 (UPP,KIR).	"	24	UPP	iP	21 55 59.5	
									Andreanof Islands, Aleutian Is.	
									(h = N).	
"	23	UPP	iPKP	13 34 45.8	"	25	UPP	iP	09 30 45.9	
			i	13 35 58.1				eS	09 34 30	
			i	13 39 46					micr sec	
				micr sec			P	Z'	0.1 1.0	
			P	Z'	0.3 2.0			Mx	Z	4.0 10
		KIR	iPKP	13 34 41.8			KIR	iP	09 32 22.5	
				micr sec					micr sec	
			P	Z'	0.5 2.2			P	Z'	0.1 1.0
				Pacific-Antarctic Ridge (h = 10 km).				Mx	Z	1.3 9
"	24	UPP	iP	02 07 34.8 D					Northwestern Balkan region	
			iS	02 17 32					(h = 25 km).	
			i	02 18 52					m = 5.1 (UPP,KIR).	
				micr sec	"	25	UPP	iP	11 41 40.5	
			P	Z'	0.7 1.0				micr sec	
		KIR	iP	02 07 07.2				P	Z'	0.1 0.8
				micr sec			KIR	iP	11 41 12.6	
			P	Z'	2.0 1.1				micr sec	
				Mariana Islands (h = 590 km).				P	Z'	0.2 1.0
				m = 6.6 (UPP,KIR).					Mariana Islands (h = 600 km).	
"	24	UPP	iP	06 40 54.1 D					m = 5.8 (UPP,KIR).	
			iS	06 50 24	"	25	UPP	i(PKP)	17 10 36.5	
				micr sec				iPKP	17 10 42.2	
			P	Z'	0.2 0.7					
		KIR	iP	06 40 26.6	"	26	UPP	Mx	08 11	
				micr sec					micr sec	
			P	Z'	0.9 1.0			Mx	Z	4.6 18
				Mariana Islands (h = 600 km).			KIR	Mx	08 09	
				m = 6.3 (UPP,KIR).					micr sec	
"	24	UPP	iP	08 06 41.5				Mx	Z	2.8 20
			iS	08 16 12					New Ireland region (h = 15 km).	
			i	08 16 58					M = 5.9 (UPP,KIR).	
		KIR	iP	08 06 13.0	"	26	UPP	iP	15 00 57.9	
				micr sec						
			P	Z'	0.4 1.0					
				Mariana Islands (h = 610 km).						

(cont).

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

SEPTEMBER 1 - 30, 1995

1995					1995				
Sep.	2	UPP	eP	03 05 52	Sep.	7	UPP	iP	10 42 24.1
"	2	UPP	iP	18 34 20.9					Ukraine-Moldova-sw Russia region
			i	18 34 26.3					(h = N).
				Qinghai, China (h = N).	"	7	UPP	iP	11 08 07.3
"	3	UPP	iP	01 24 17.1					Off east coast of Kamchatka
				Near s. coast of western Honshu					(h = N).
				(h = 380 km).	"	7	UPP	iP	12 09 13.7
"	3	UPP	iP	01 47 01.5	"	7	UPP	iP	13 28 07.6
				Kuril Islands (h = 60 km).				i	13 28 18.2
"	5	UPP	iP	19 12 20.8					Off east coast of Honshu, Japan
				Kuril Islands (h = 50 km).					(h = N).
"	6	UPP	iP	11 02 13.3	"	7	UPP	iP	16 02 29.6
				Romania (h = 130 km).					Central Mediterranean Sea
"	6	UPP	iP	23 01 40.7					(h = 50 km).
			iS	23 12 20	"	7	KIR	iPn	16 25 09.5
				micr sec				i	16 25 32.9
			Mx	Z 4.4 23				iSn	16 25 43.1
		KIR	Mx	23 36			UME	iSg1	16 27 42.0
				micr sec					Norwegian Sea, 70.2°N, 17.0°E.
			Mx	Z 4.5 23					Origin time = 16 24 22.
				Off coast of Chiapas, Mexico					By combination with Finnish and
				(h = 10 km).					Norwegian station readings.
				M = 5.7 (UPP,KIR).	"	8	UPP	iPKP2	01 36 01.5
"	7	UPP	iP	02 37 32.6				Mx	Z 7.7 19
				Off east coast of Kamchatka					
				(h = 70 km).					(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Sep.				Sep.			
8	(cont.)			9	(cont.)		
	KIR	Mx	02 44		DEL	i	13 53 40.9
			micr sec			iSg1	13 54 20.8
		Mx	Z 6.4 19				Off coast of southwestern Norway, 61.9°N, 3.9°E.
			Southern east Pacific Rise				Origin time = 13 50 36.
			(h = 10 km).				M _L (UPP) = 3.5 (0.14) 5.
			M = 6.5 (UPP,KIR).				By combination with Finnish and Norwegian station readings
"	8	UPP	iSn 09 52 22.0	"	9	UPP	iPKP2 17 57 49.4
			iSg1 09 52 51.2				South of Kermadec Islands
		UME	iSg1 09 53 14.2				(h = 230 km).
			Norwegian Sea, 61.8°N, 4.0°E.				
			Origin time = 09 49 18.				
			M _L (UPP) = 2.9 1.				
			By combination with Finnish and Norwegian station readings.				
"	8	UPP	iP 14 59 33.2				
			South of Honshu, Japan (h = 5 km).				
"	8	UPP	iP 16 15 44.4				
			Mid-Indian Ridge (h = 10 km).				
"	8	UPP	iP 17 38 38.7 C				
			Off coast of Chiapas, Mexico				
			(h = 20 km).				
"	8	UPP	iSg1 20 00 52.6				
		KIR	iSg1 20 02 06.4				
		UME	iSg1 20 01 15.5				
		UDD	iSg1 19 59 40.2				
		DEL	iSg1 20 01 06.1				
			Southwestern coast of Norway				
			61.9°N, 4.0°E.				
			Origin time = 19 57 21.				
			M _L (UPP) = 3.3 (0.03) 5.				
			By combination with Finnish and Norwegian station readings.				
"	9	UPP	iP 12 18 50.9				
			Kuril Islands (h = 35 km).				
"	9	UPP	iSn 13 53 34.0				
			iSg1 13 54 07.0				
		KIR	iSg1 13 55 23.3				
		UME	iSn 13 53 59.6				
			iSg1 13 54 28.4				
		UDD	iSg1 13 53 05.2				

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995					1995				
Sep.	17	(cont).			Sep.	19	(cont).		
		KIR	iP	17 22 26.7			MYV	iSg1	00 52 10.2
				micr sec					Lapland, Sweden, 67.6°N, 19.3°E.
			P	Z' 0.3 2.5					Origin time = 00 49 32.
			Mx	Z 4.3 20					$M_L(\text{UPP}) = 2.5$ 1.
				Mauritius-Reunion region					By combination with Finnish and Norwegian station readings.
				(h = 10 km).					
				m = 6.2, M = 5.8 (UPP,KIR).					
"	18	UPP	iP	00 26 02.5	"	19	UPP	iP	01 35 51.0
				Mindoro, Philippine Islands					Qinghai, China (h = 20 km).
				(h = 25 km).					
"	18	UPP	iSg1	03 30 46.4	"	19	UPP	iP	01 53 34.6
		KIR	iPn	03 27 12.6					Crete (h = N).
			iPg1	03 27 23.3	"	19	UPP	iP	12 32 14.0
			iSn	03 28 01.4	"	19	UPP	iP	21 16 53.9 C
			iSg1	03 28 17.8				i	21 17 09.2
		UME	iPg1	03 27 38.0					micr sec
			iSn	03 28 22.4				P	Z' 0.1 1.0
			iSg1	03 28 47.4					Hokkaido, Japan (h = 60 km).
		UDD	iSn	03 30 19.2	"	19	UPP	iPKP2	23 12 13.4
			iSg1	03 31 15.8					micr sec
		MYV	iPn	03 28 01.0				P	Z' 0.2 1.2
			iPg	03 28 08.0					North Island, New Zealand
			iSn	03 29 28.0					(h = 220 km).
				Northwestern Russia, 66.5°N, 30.8°E.	"	20	UPP	iPKP2	00 47 47.5
				Origin time = 03 26 08.					South of Fiji Islands (h = 500 km).
				$M_L(\text{UPP}) = 3.3$ (0.21) 4.					
				By combination with Finnish and Norwegian station readings.	"	20	UPP	iP	06 57 04.2
"	18	UPP	iP	14 34 23.2			KIR	iPn	06 55 50.8
				Eastern Mediterranean Sea			UME	iP	06 56 28.5 C
				(h = 70 km).				iS	06 58 29.2
"	18	UPP	iP	17 27 29.3			UDD	iP	06 56 51.1
				Flores region, Indonesia					Jan Mayen Island region (h = 10 km).
				(h = N).	"	20	UPP	iPKP1	14 53 23.0
"	18	UPP	i(PKP)	20 40 23.9				iPKP2	14 53 29.0
			iSKP1	20 43 11.7					Kermadec Islands region
				Fiji Islands region					(h = 430 km).
				(h = 620 km).	"	20	UPP	iP	17 37 00.5
"	19	KIR	iPg1	00 49 40.4 C					Myanmar (h = 20 km).
			iSg1	00 49 47.5	"	20	UPP	eP	23 39 37
		UME	iSg1	00 51 27.9					micr sec
		MYV	iSn	00 51 47.0				Mx	Z 2.6 21
				(cont).					(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Sep.		(cont).		Sep.	22	(cont).	
	20	KIR Mx	24 13 micr sec			UPP iS	11 30 06 micr sec
		Mx Z	2.7 18			Mx Z	2.6 14
		Central California (h = 5 km). M = 5.5 (UPP,KIR).				KIR Mx	11 44 micr sec
						Mx Z	1.6 11
"	21	UPP iP	08 51 28.0			Tunisia (h = 10 km). M = 4.9 (UPP,KIR).	
		i	08 51 32.0				
		Greece-Albania border region (h = 10 km).		"	23	UPP iP	16 18 58.8 C
						i	16 22 40.2 micr sec
"	21	UPP iP	20 42 38.2			P Z'	0.3 1.4
		i	20 42 42.3			KIR iP	16 18 57.8 micr sec
		Eastern Siberia, Russia (h = 10 km).				P Z'	0.6 1.7
"	21	UPP iP	23 57 40.9			Southern Sumatera, Indonesia (h = 45 km). m = 6.6 (UPP,KIR).	
		iP	23 58 09.4 micr sec				
		P Z'	0.1 0.8				
		Dodecanese Islands (h = 150 km).		"	23	UPP i	22 46 09.2
"	22	UPP iP	03 33 29.3			iSKS	22 56 18 micr sec
		Andreanof Islands, Aleutian Is. (h = N).				Mx Z	5.4 20
						Near coast of Peru (h = 60 km).	
"	22	UPP iP	05 58 05.6	"	24	UPP iP	17 00 06.9
		i	05 58 47.0 micr sec			Near Islands, Aleutian Islands (h = N).	
		Mx Z	5.3 27				
		KIR Mx	06 44 micr sec	"	24	KIR ePn	18 28 17
		Mx Z	3.5 22			iSn	18 29 12.9
		Eastern New Guinea region (h = 45 km). M = 5.9 (UPP,KIR).				UME iSn	18 30 28.1
						UDD iPn	18 29 39.7
"	22	UPP iP	09 01 47.4 C			Norwegian Sea, 70.8°N, 10.2°E. Origin time = 18 27 06 By combination with Finnish and Norwegian station readings.	
		i	09 02 38.4 micr sec	"	24	UPP iP	20 32 15.3 C
		P Z'	0.1 1.0			Northern Sumatera, Indonesia (h = 35 km).	
		KIR iP	09 02 38.5 C micr sec	"	25	UPP iP	06 19 14.0
		P Z'	0.2 1.3			Kuril Islands (h = 55 km).	
		Zaire (h = 10 km). m = 6.0 (UPP,KIR).		"	25	UPP iP	12 07 20.5
"	22	UPP iP	11 25 36.1			i	12 07 27.6
		(cont).				(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Sep.				Sep.			
25	(cont).			28	UPP	iP	08 40 01.0
	UPP	iS	12 11 04.4			i	08 40 05.6
			micr sec			i	08 40 12.3
	P	Z'	0.1 0.8		Kazakhstan-Xinjiang border reg.		
	Northwestern Caucasus (h = 45 km).				(h = 25 km).		
"	25	UPP	iP 17 14 47.4	"	28	UPP	eP 23 48 43
			Zaire (h = 10 km).			i	23 48 46.5
						iS	23 52 02
"	25	UPP	iP 17 15 37.9				micr sec
						P	Z' 0.3 1.1
"	26	UPP	iP 04 46 57.9			Mx	Z 4.9 11
			micr sec		KIR	iP	23 50 07.7
		P	Z' 0.2 0.9				micr sec
	Southern Xinjiang, China (h = N).					P	Z' 0.2 1.3
						Mx	Z 4.2 11
"	26	UPP	iP 07 25 42.0 C		Northwestern Balkan region		
		i	07 25 56.1		(h = 10 km).		
			micr sec		m = 5.5, M = 5.0 (UPP,KIR).		
		P	Z' 0.4 1.2				
	KIR	iP	07 24 58.7 C	"	30	UPP	iP 10 18 44.7
			micr sec			i	10 18 51.4
		P	Z' 0.3 1.4				micr sec
	Hokkaido, Japan region (h = N).					P	Z' 0.1 0.7
	m = 6.4 (UPP,KIR).					P	Z' 0.2 1.0
"	26	UPP	ipP 15 03 22.0		Southern Italy (h = 25 km).		
			Turkey (h = 25 km).	"	30	UPP	iP 10 58 34.9
"	26	UPP	iP 17 56 12.1			i	11 02 50.4
			Kuril Islands (h = 140 km).			iS	11 07 08
							micr sec
"	26	UPP	iPKP 18 42 57.0			Mx	Z 12 20
			Vanuatu Islands (h = 190 km).		KIR	Mx	11 25
							micr sec
						Mx	Z 5.8 21
"	26	UPP	iPKP 22 51 54.9		Kuril Islands (h = 45 km).		
			micr sec		M = 5.8 (UPP,KIR).		
		P	Z' 0.1 1.0				
	South of Fiji Islands (h = 160 km).			"	30	UPP	iP 14 06 41.8
"	27	UPP	iP 13 31 40.4				micr sec
						P	Z' 0.1 1.0
"	27	UPP	iP 14 21 02.6		Sakhalin Island (h = N).		
			Turkey (h = 20 km).				
"	28	UPP	iP 06 22 13.2		May 23, 1997		
		i	06 22 27.4		Conny Holmqvist		
	Greece (h = 60 km).				Ota Kulhánek		
					David Monterroso		

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SEISMOLOGICAL BULLETIN
 UPPSALA, KIRUNA, UMEÅ, UDDEHOLM
 DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

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1995					1995				
Oct.	1	UPP	iP	06 27 40.4	Oct.	2	UPP	iP	19 52 07.8 C
				Southern Greece (h = 45 km).					Kuril Islands (h = 25 km).
"	1	UPP	iP	16 02 21.0	"	3	UPP	Mx	01 04
			i	16 02 25.6					micr sec
			iS	16 06 35				Mx	Z 5.4 21
				micr sec			KIR	Mx	01 02
			P	Z' 1.2 1.4					micr sec
			Mx	Z 43 13				Mx	Z 3.7 21
				Turkey (h = N).					Tonga Islands (h = N).
									M = 6.1 (UPP,KIR).
"	1	UPP	iP	17 17 21.5	"	3	UPP	iP	02 04 47.2
			i	17 17 22.0				i	02 04 59.5
				micr sec				iPP	02 08 38
			P	Z' 0.2 0.5				iSKS	02 15 20
				South of Honshu, Japan				iS	02 15 58
				(h = 430 km).					micr sec
"	1	UPP	iP	18 08 04.2				P	Z' 0.2 1.5
			i	18 08 12.9				Mx	Z 85 23
				micr sec			KIR	iP	02 04 48.2
			P	Z' 0.1 1.0				i	02 04 58.8
				Turkey (h = N).					micr sec
"	2	UPP	iP	01 45 08.6				P	Z' 0.5 1.6
				Eastern Siberia, Russia (h = 10 km).				Mx	Z 51 23
"	2	UPP	iP	10 38 12.7					Peru-Ecuador border region
									(h = 25 km).
"	2	UPP	iP	13 39 44.1					m = 6.5, M = 7.0 (UPP,KIR).
				Ionian Sea (h = 20 km).	"	3	UPP	iP	05 40 40.3
									Arabian Sea (h = 10 km).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Oct.	3	UPP	iP	07 43 19.7	Oct.	4	(cont.) South of Honshu, Japan (h = 380 km). m = 5.5 (UPP,KIR).		
"	3	UPP	iP	08 48 39.2	"	4	UPP	iP	09 21 22.8
				Near east coast of Kamchatka (h = 70 km).				iS	09 24 30
									micr sec
"	3	UPP	iP	12 58 19.1				Mx	Z 1.5 10
			i	12 58 24.4			KIR	iP	09 19 43.2
			iSKS	13 08 54					micr sec
			iS	13 09 34				P	Z' 0.3 1.1
				micr sec					micr sec
			Mx	Z 7.4 19				Mx	Z 3.6 15
		KIR	Mx	13 41			UME	iP	09 20 35.6
				micr sec			UDD	iP	09 21 21.8
			Mx	Z 8.0 20				i	09 21 25.1
				Peru-Ecuador border region (h = 15 km).			DEL	iP	09 22 00.4
									Greenland Sea (h = 10 km).
"	3	UPP	ipP	14 30 58.0	"	4	UPP	iP	14 45 37.9
				Northern Xinjiang, China (h = 40 km).	"	4	UPP	iP	14 57 51.0
"	3	UPP	Mx	17 19	"	4	UPP	iP	15 23 17.3 C
				micr sec				iS	15 32 04
			Mx	Z 2.8 19					micr sec
		KIR	Mx	17 21				P	Z' 0.3 1.2
				micr sec				Mx	Z 3.6 19
			Mx	Z 1.3 19			KIR	iP	15 22 24.9 C
				Near coast of central Chile (h = 35 km). M = 5.7 (UPP,KIR).					micr sec
								P	Z' 0.2 1.1
								Mx	Z 4.7 20
"	3	UPP	iP	21 41 06.1					Near Islands, Aleutian Islands (h = 25 km). m = 6.2, M = 5.5 (UPP,KIR).
"	3	UPP	iP	23 38 18.9	"	4	UPP	iP	16 44 07.0
				micr sec					Eastern Kashmir (h= 15 km).
			P	Z' 0.1 0.7	"	4	UPP	iPn	20 50 47.4
		KIR	iP	23 37 50.9				iPg1	20 50 58.2
				micr sec				i	20 51 06.0
			P	Z' 0.2 1.0				iSn	20 51 44.8
				Mariana Islands (h = 410 km). m = 5.8 (UPP,KIR).				iSg1	20 51 53.9
"	4	UPP	iP	04 02 20.3				i	20 51 59.4
				micr sec			KIR	iPn	20 52 47.9
			P	Z' 0.1 0.9				i	20 55 01.8
		KIR	iP	04 01 45.5				iSg1	20 55 42.7
				micr sec			UME	iSn	20 53 06.7
			P	Z' 0.1 0.9				iSg1	20 53 49.0
				(cont.)					(cont.)

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Oct.	4	(cont.)		Oct.	6	UPP iP	02 14 52.3
		UDD iPn	20 50 35.6			Greece (h = 10 km).	
		iSg1	20 51 24.5	"	6	UPP eP	05 17 06
		i	20 51 30.3			i	05 17 11.0
		DEL iPg1	20 50 01.7 C	"	6	UPP iP	05 26 14.9
		i	20 50 08.9			Near coast of Jalisco, Mexico (h = N).	
		iSg1	20 50 14.0	"	6	UPP iP	05 32 50.0
		MYV iPn	20 51 16.0			i	05 36 54
		i	20 52 10.0			i	05 40 30
		iSg1	20 52 58.0				micr sec
		Off coast of Halland, Sweden,				P	Z' 0.2 1.5
		56.8°N, 12.2°E.				Mx	Z 4.9 19
		Origin time = 20 49 42.				KIR iP	05 31 51.1 C
		$M_L(\text{UPP}) = 4.0 (0.25) 5.$					micr sec
		Felt with maximum intensity				P	Z' 0.4 1.3
		$I_0 = VI (\text{MM}).$				Mx	Z 2.8 16
		Radius of perceptibility is 103 km					Northern Alaska (h = 10 km).
		and macroseismic magnitude					m = 6.1, M = 5.4 (UPP,KIR).
		$M_M = 4.1.$ Focal depth deduced from					
		macroseismic data is 19 km.					
		By combination with Finnish and					
		Norwegian station readings.					
"	5	UPP iP	07 41 23.1	"	6	UPP i(PKP)	11 58 28.4
			micr sec			iPKP	11 58 34.9
		P	Z' 0.1 0.9			i	12 01 30.3
		Kuril Islands (h = N).				iSKP1	12 01 55.2
							Tonga Islands (h = 200 km).
"	5	UPP iP	08 26 20.9	"	6	UPP iP	12 55 19.8
		i	08 26 25.6				micr sec
			micr sec			P	Z' 0.1 1.1
		P	Z' 0.1 0.9			Mx	Z 3.1 18
		Greece (h = 20 km).				KIR iP	12 54 41.8
"	5	UPP iPKP1	09 41 41.9				micr sec
		South of Fiji Islands (h = 510 km).				P	Z' 0.1 1.2
"	5	UPP eP	11 23 26			Mx	Z 1.9 15
							Near s. coast of Honshu, Japan
"	5	UPP iP	16 20 29.7				(h = N).
		Turkey (h = N).					m = 5.7, M = 5.5 (UPP,KIR).
"	5	UPP iP	17 49 43.2	"	6	UPP iP	14 18 34.2
		Xizang (h = 60 km).					Near s. coast of Honshu, Japan
"	5	UPP iPKP1	19 30 34.5				(h = N).
		Kermadec Islands region (h = 70 km).		"	6	UPP iP	14 35 33.6
"	5	UPP iP	21 02 20.9				Qinghai, China (h = N).
		Unimak Island region (h = N).		"	6	UPP iP	16 21 06.3
						i	16 21 14.5
							Turkey (h = N).

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1995				1995					
Oct.	6	UPP	iP	18 22 36.2	Oct.	9	UPP	iP	14 06 14.0
			iSKS	18 33 04				i	14 06 21.7
			iS	18 33 20					
				micr sec	"	9	UPP	iP	15 48 41.4
			P	Z' 0.3 1.3				i	15 48 43.5
			Mx	Z 39 18				iPP	15 52 10.2
		KIR	iP	18 22 35.5				iS	15 59 19.2
			i	18 22 38.8					micr sec
				micr sec				P	Z' 0.4 1.0
			P	Z' 1.9 2.0				Mx	Z 283 15
			Mx	Z 40 18			KIR	iP	15 48 23.8
		Southern Sumatera, Indonesia						i	15 48 24.9
		(h = N).							micr sec
		m = 6.8, M = 6.8 (UPP,KIR).						P	Z' 5.1 1.9
								Mx	Z 534 15
"	7	UPP	iPKP	17 12 27.8			Near coast of Jalisco, Mexico (h = N).		
		South of Fiji Islands (h = 130 km).					m = 7.1, M = 7.9 (UPP,KIR).		
"	7	UPP	iP	23 55 40.1	"	10	UPP	iP	02 30 38.1
		South of Honshu, Japan (h = 45 km).					Mariana Islands (h = N).		
"	8	UPP	iP	01 46 18.6	"	10	UPP	iP	06 58 13.5
		Southern Iran (h = N).							micr sec
							P	Z' 0.2 1.5	
"	8	UPP	iP	09 03 05.5 C			Northern Italy (h = 10 km).		
			i	09 03 12.1	"	10	UPP	iP	07 07 45.3
			iS	09 08 58			Nicobar Islands, India (h = N).		
				micr sec	"	12	UPP	iP	00 55 24.0
			P	Z' 0.3 1.1			Northern Sumatera (h = N).		
			P	Z' 0.8 1.5	"	12	UPP	iP	03 29 28.1
			Mx	Z 22 12			Bonin Islands region (h = 350 km).		
		KIR	iP	09 03 08.6	"	12	UPP	iP	12 41 01.5
			i	09 03 15.7	"	12	UPP	iP	14 19 15.9
				micr sec	"	12	UPP	iP	15 38 29.8
			P	Z' 0.6 0.9			Sakhalin Island (h = 15 km).		
			P	Z' 0.8 1.1	"	12	UPP	iP	15 44 52.3
			Mx	Z 31 13	"	12	UPP	iP	17 05 44.5
		Kyrgyzstan (h = 15 km).						i	17 05 49.8
		m = 6.3, M = 6.2 (UPP,KIR).						iS	17 16 22
"	8	UPP	iP	16 13 03.0					micr sec
		Kuril Islands (h = 50 km).						Mx	Z 6.9 19
"	8	UPP	iP	18 34 28.5			(cont.)		
		Andaman Islands, India (h = 50 km).							
"	9	UPP	iP	10 25 30.0					
		South of Honshu, Japan							
		(h = 450 km).							

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1995				1995			
Oct.	12	(cont.) KIR Mx	17 43 micr sec	Oct.	15	UPP iP	07 02 45.7 Caspian Sea (h = N).
		Mx Z	11 19	"	15	UPP iP	07 26 37.4 Afghanistan-Tajikistan (h = 40 km).
		Near coast of Jalisco, Mexico (h = 15 km). M = 6.1 (UPP,KIR).		"	15	UPP iP	12 56 01.5 Greece (h = 10 km).
"	13	UPP iSg1	04 35 29.3	"	15	UPP Mx	16 20 micr sec
		UDD iSg1	04 34 24.8			Mx Z	4.4 19
		Southwestern Norway, 60.2°N, 5.3°E. Origin time = 04 32 15. M _L (UPP) = 2.4 1. Felt. By combination with Norwegian station readings.				KIR Mx	16 16 micr sec
						Mx Z	2.3 18
		South of Fiji Islands (h = 150 km).				Solomon Islands (h = 15 km). M = 5.9 (UPP,KIR).	
"	13	UPP iPKP2	15 43 02.8	"	16	UPP eP	15 03 12
		Macquarie Islands region (h = 15 km).		"	16	UPP iP	22 32 14.8
"	14	UPP iP	08 04 01.6	"	18	UPP iP	06 05 26.0
		Afghanistan-Tajikistan bord. reg. (h = 90 km).		"	18	UPP iP	09 37 59.6
"	14	UPP iPKP	08 20 05.6 C			i	09 38 01.1
		i	08 20 07.3			iPP	09 39 42
		i	08 20 15.3			iS	09 43 50
		i	08 20 27.6				micr sec
			micr sec			P Z'	1.2 1.5
		P Z'	1.1 1.1			KIR iP	09 38 06.1
		South of Fiji Islands (h = 150 km).					micr sec
"	14	UPP iP	14 43 52.9			P Z'	1.1 1.4
		Greece (h = 10 km).				Hindu Kush region (h = 220 km). m = 6.2 (UPP,KIR).	
"	14	UPP iP	16 29 35.6	"	18	UPP iP	10 49 13.3
		Southern Iran (h = 15 km).				i	10 49 18.4
"	14	UPP Mx	21 59			iS	10 58 54
			micr sec				micr sec
		Mx Z	2.8 19			P Z'	6.6 1.2
		KIR Mx	21 59			Mx Z	342 15
			micr sec			KIR iP	10 48 42.8
		Mx Z	2.4 17				micr sec
		Solomon Islands (h = 20 km). M = 5.8 (UPP,KIR).				P Z'	2.7 1.0
						Mx Z	151 14
		Solomon Islands (h = 20 km). M = 5.8 (UPP,KIR).				Ryukyu Islands (h = 30 km). m = 7.4, M = 7.5 (UPP,KIR).	
"	15	UPP iP	03 06 02.8				
		Central Mid-Atlantic Ridge (h = 10 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Oct.	18	UPP	iP	11 00 20.3	Oct.	19	(cont.)
				micr sec			iS
			P	Z' 0.2 1.3			00 53 28
				Ryukyu Islands (h = N).			micr sec
"	18	UPP	iP	11 10 37.1			P
				Ryukyu Islands (h = N).			Z' 0.4 1.0
"	18	UPP	iP	11 11 57.9			Mx
				micr sec			Z 114 17
			P	Z' 0.1 1.0			KIR
				Ryukyu Islands (h = N).			iP
							00 43 20.6
							micr sec
							P
							Z' 0.1 1.0
							Mx
							Z 32 14
							Ryukyu Islands (h = N).
							m = 6.1, M = 6.9 (UPP,KIR).
"	18	UPP	iP	13 52 34.4	"	19	UPP
				micr sec			iP
			P	Z' 0.2 1.1			02 19 24.7
				Ryukyu Islands (h = 30 km).			Afghanistan-Tajikistan bord. region
							(h = 200 km).
"	18	UPP	iP	15 21 05.6	"	19	UPP
				Ryukyu Islands (h = N).			iP
"	18	UPP	iP	16 34 26.5			i
				Ryukyu Islands (h = N).			02 53 24.4
"	18	UPP	iP	21 13 05.3			iS
			i	21 13 15.2			02 53 31.1
				Ryukyu Islands (h = N).			03 03 08
"	18	UPP	iP	21 14 03.3			micr sec
"	18	UPP	iP	22 54 43.7			P
				micr sec			Z' 1.4 1.3
			P	Z' 0.2 0.9			Mx
				Ryukyu Islands (h = 30 km).			Z 389 14
"	18	UPP	iP	23 37 47.2			KIR
			i	23 37 49.6			iP
			iS	23 47 30			02 52 50.9
				micr sec			micr sec
			P	Z' 0.2 1.0			P
			Mx	Z 8.7 20			Z' 0.5 1.3
			KIR	Mx			Mx
				24 15			Z 275 16
				micr sec			Ryukyu Islands (h = N).
			Mx	Z 26 16			m = 6.6, M = 7.7 (UPP,KIR).
				Ryukyu Islands (h = 30 km).	"	19	UPP
				M = 6.3 (UPP,KIR).			iP
"	19	UPP	iP	00 43 52.7			04 13 34.3
			i	00 43 54.4			micr sec
				(cont.)			P
							Z' 0.1 0.8
							Ryukyu Islands (h = N).
"	19	UPP	iP	07 06 23.7	"	19	UPP
				Ryukyu Islands (h = N).			iP
"	19	UPP	iP	11 03 01.4			11 03 01.4
				micr sec			micr sec
			P	Z' 0.1 1.0			P
			Mx	Z 7.8 15			Z' 0.1 1.0
			KIR	Mx			Z 7.8 15
				11 40			KIR
				micr sec			Mx
			Mx	Z 4.7 14			Mx
				Ryukyu Islands (h = 30 km).			Z 4.7 14
				M = 6.0 (UPP,KIR).			Ryukyu Islands (h = 30 km).
"	20	UPP	iP	03 17 56.1			Ryukyu Islands (h = N).
				(cont.)			

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Oct.	20	UPP	iP	04 25 46.3	Oct.	23	KIR	iPg1	01 09 07.6
				Ryukyu Islands (h = 25 km).				iSg1	01 09 34.5
"	20	UPP	iP	13 07 52.3			UME	iSg1	01 11 44.0
				Hindu Kush region, Afghanistan			UDD	iSg1	01 14 02.9
				(h = 180 km).					Northern Norway, 69.3°N, 25.3°E.
"	20	UPP	iP	19 34 09.0					Origin time = 01 08 47.
			i	19 34 10.6					$M_L(\text{UPP}) = 3.1 (0.06) 3.$
				micr sec					By combination with Finnish station
			P	Z' 0.1 0.7					readings.
		KIR	iP	19 34 35.2	"	23	UPP	iPKP	04 16 53.9
			i	19 34 37.2					Vanuatu Islands (h = 200 km).
				micr sec					
			P	Z' 0.1 0.8					
				Mariana Islands (h = 230 km).					
				m = 5.8 (UPP,KIR).					
"	21	UPP	iPKP	00 20 53.7	"	23	UPP	iP	22 57 33.7 D
				South of Fiji Islands (h= 660 km).				i	22 57 35.3
"	21	UPP	iP	02 51 18.8				iS	23 06 14
			i	02 51 21.8					micr sec
			i	02 52 03.5				P	Z' 0.2 0.6
			iSKS	03 01 24				Mx	Z 24 17
			i	03 02 52			KIR	Mx	23 27
				micr sec					micr sec
			P	Z' 0.2 1.3				Mx	Z 8.6 14
			P	Z' 1.5 1.4					Sichuan, China (h = 10 km).
			Mx	Z 49 28					M = 6.2 (UPP,KIR).
		KIR	Mx	03 24	"	23	UPP	iP	23 01 08.0
				micr sec					
			Mx	Z 33 29	"	24	UPP	iP	05 35 57.4
				Chiapas, Mexico (h = 160 km).					Ryukyu Islands (h = N).
				M = 6.6 (UPP,KIR).					
				M uncorrected for focal depth.	"	24	UPP	iP	08 18 58.6
"	21	UPP	iP	19 11 27.3					Yunnan, China (h = 10 km).
				Tajikistan (h = N).	"	24	UPP	iP	14 45 14.9
"	22	UPP	iPKP1	09 45 58.3					Northern Mid-Atlantic Ridge
				Kermadec Islands region					(h = 10 km).
				(h = 330 km).	"	24	UPP	iP	15 41 43.0
"	22	UPP	iP	17 55 07.1	"	24	UPP	iP	17 54 07.2
				Ryukyu Islands (h = N).				i	17 54 09.6
"	22	UPP	iP	21 45 01.7					Yunnan, China (h = 10 km).
				Ryukyu Islands (h = 30 km).	"	24	UPP	iP	22 43 38.2
									Yunnan, China (h= 10 km).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995					1995				
Oct.	25	UPP	iP	04 32 35.7	Oct.	30	(cont.)		
				Yunnan, China (h = 10 km).			KIR	Mx	21 03
									micr sec
"	25	UPP	iP	10 30 46.8				Mx	Z 1.5 18
				Fox Islands, Aleutian Islands (h = N).					Andreanof Islands, Aleutian Is.
									(h= 15 km).
"	26	UPP	iP	04 30 52.2					M = 5.2 (UPP,KIR).
			i	04 32 22.6					
				Kyrgyzstan (h = 50 km).	"	31	UPP	iP	22 38 54.4 D
								i	22 38 59.1
"	26	UPP	iPKP	14 02 56.3					micr sec
				South of Fiji Islands (h = 520 km).				P	Z' 0.1 0.9
									Taiwan (h = 15 km).
"	26	UPP	iPKP1	14 49 05.2					
				Kermadec Islands region					
				(h = 160 km).					
"	27	UPP	iP	09 01 38.3					
				Qinghai, China (h = N).					
"	29	UPP	iP	06 33 21.9					
			iS	06 38 11					
				micr sec					
			P	Z' 0.1 1.1					
				Caspian Sea (h = N).					
"	29	UPP	iP	19 38 04.3					
				Northern Molucca Sea (h = 70 km).					
"	29	UPP	i(PKP)	19 59 10.1					
			iSKP1	20 01 56.6					
				Fiji Islands region (h = 620 km).					
"	29	UPP	iP	20 10 29.5					
"	30	UPP	iP	08 17 06.5					
				Kenai Peninsula, Alaska (h = 40 km).					
"	30	UPP	iP	14 12 36.6					
"	30	UPP	iP	15 00 43.9					
				Near coast of Guerrero, Mexico					
				(h = N).					
"	30	UPP	iP	20 36 28.1					June 5, 1997
				micr sec					
			P	Z' 0.1 1.0					Conny Holmqvist
			Mx	Z 1.7 21					Ota Kulhánek
				(cont.)					

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SEISMOLOGICAL BULLETIN
 UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

NOVEMBER 1 - 30, 1995

1995					1995				
Nov.	1	UPP	iPdiff	00 50 20	Nov.	1	(cont.)		
			iPP	00 55 04			Mx	Z	4.0 12
			i	01 00 55			KIR	iP	12 37 00.0 C
			i	01 04 40					micr sec
				micr sec				P	Z' 0.2 0.9
			Mx	Z 30 17				Mx	Z 2.6 13
		KIR	Mx	01 47					Kyrgyzstan-Xinjiang border reg.
				micr sec					(h = 20 km).
			Mx	Z 11 18					m = 5.7, M = 5.3 (UPP,KIR).
				Near coast of central Chile					
				(h = 20 km).		"	2	UPP	iPKP1 18 38 56.0
				M = 6.7 (UPP,KIR).					Kermadec Islands region (h = 20 km).
"	1	UPP	iP	08 20 51.3	"	2	UPP	iP	22 31 49.8
				Yunnan, China (h = 10 km).				i	22 32 11.1
"	1	UPP	iP	09 47 43.7	"	3	UPP	iP	03 56 17.8
			i	09 47 53.6					Ionian Sea (h = 50 km).
			iS	09 57 24					
				micr sec		"	5	UPP	iP
			P	Z' 0.2 1.0				i	16 43 03.9
			Mx	Z 8.8 12				i	16 43 15.3
		KIR	iP	09 47 12.7				i	16 46 42.4
				micr sec				i	16 46 59.5
			P	Z' 0.2 1.4				iSKS	16 53 52
			Mx	Z 3.8 15					micr sec
				Ryukyu Islands (h = N).				P	Z' 0.1 1.1
				m = 6.0, M = 6.0 (UPP,KIR).				Mx	Z 5.7 21
							KIR	Mx	17 29
									micr sec
"	1	UPP	iP	12 37 08.8 C				Mx	Z 11 19
				micr sec					Southern Sumatera, Indonesia
			P	Z' 0.1 1.0					(h = 35 km).
		(cont.)							M = 6.1 (UPP,KIR).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Nov.	5	UPP iP	17 24 22.3	Nov.	8	UPP iP	20 54 31.0
		Xizang (h = 25 km).				Kuril Islands (h = N).	
"	6	UPP iP	03 24 10.9	"	9	UPP iSg1	01 15 31.9
		Near east coast of Honshu, Japan (h = 50 km).				KIR iPn	01 11 35.4
						iPg1	01 11 46.9
						iSn	01 12 36.8
"	6	UPP iP	04 01 11.7			iSg1	01 12 53.9
		Southern Iran (h = N).				UME iSn	01 13 06.8
						iSg1	01 13 42.1
"	6	UPP iP	16 25 34.8			UDD iSg1	01 16 08.9
		Sakhalin Island (h = 10 km).				Northwestern Russia, 66.8°N, 33.1°E. Origin time = 01 10 26. M _L (UPP) = 3.4 (0.08) 3. By combination with Finnish and Norwegian station readings.	
"	7	UPP iP	02 32 03.3				
		Alaska Peninsula (h = N).					
"	7	UPP iPKP1	14 15 03.9	"	9	UPP iP	05 17 34.7
		South of Fiji Islands (h = N).				Northern Iran (h = N).	
"	7	UPP iP	14 53 38.2				
		Talaud Islands, Indonesia (h = 80 km).		"	9	UPP iP	19 16 11.8
						Kuril Islands (h = 70 km).	
"	7	UPP iP	19 07 51.2	"	10	UPP iPKP	01 35 03.4
		Afghanistan-Tajikistan bord reg. (h = 240 km).				South of Tonga Islands (h = N).	
"	7	UPP iP	20 57 51.0	"	10	UPP iPKP	04 09 23.5
		Yunnan, China (h = 20 km).				South of Fiji Islands (h = 580 km).	
"	7	UPP iP	23 39 55.2	"	10	UPP eP	08 39 48
		Andreanof Islands, Aleutian Is. (h = N).		"	11	UPP iP	21 36 07.2
						Greece (h = N).	
"	8	UPP iP	01 30 22.8	"	12	UPP eP	04 03 22
		Ryukyu Islands (h = 35 km).		"	12	UPP iPKP2	10 11 52.6
"	8	UPP iP	07 26 36.3			South of Kermadec Islands (h = 45 km).	
		i	07 26 42.3				
		iS	07 36 50.0	"	12	UPP iP	11 22 52.0
			micr sec			Ryukyu Islands (h = 20 km).	
		Mx	Z 56 19				
		KIR Mx	08 05				
			micr sec	"	12	UPP iP	13 52 32.2
		Mx	Z 53 20			i	13 54 00.0
		Off coast of northern Sumatera (h = N).				Hindu Kush region (h = N).	
		M = 6.9 (UPP,KIR).		"	13	UPP iPg1	01 23 00.0
"	8	UPP iP	20 13 20.0			iSg1	01 23 42.7
		Ryukyu Islands (h = N).				UME iSg1	01 25 01.0
						(cont.)	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Nov.	13	(cont.)		Nov.	13	UPP	micr sec
		UDD	iPg1 01 22 25.0			P	Z' 0.2 0.9
			i 01 22 25.9			Mx	Z 9.1 13
			i 01 22 32.1			KIR	iP 08 50 59.8
			iSg1 01 22 41.5				micr sec
		DEL	iPg1 01 23 07.3			P	Z' 0.3 1.4
			iSg1 01 24 00.1			Mx	Z 13 13
		Southern Norway, 60.0°N, 11.1°E.				East of Lake Baykal, Russia	
		Origin time = 01 22 01.				(h = 20 km).	
		$M_L(\text{UPP}) = 3.6 (0.10) 3.$				$m = 5.7, M = 5.9 (\text{UPP}, \text{KIR}).$	
		Felt.					
		By combination with Finnish and Norwegian station readings.		"	14	KIR	iPg1 12 43 58.3
							iSg1 12 44 08.6
"	13	UPP	iP 02 31 16.5	"	14	UPP	iP 15 26 02.8
			iS 02 42 32				micr sec
			micr sec			P	Z' 0.1 0.9
		Mx	Z 7.5 22			KIR	iP 15 25 35.3
		KIR	Mx 03 16				micr sec
			micr sec			P	Z' 0.2 1.0
		Mx	Z 12 20			Mariana Islands (h = 600 km).	
		Talaud Island, Indonesia (h = N).				$m = 5.8 (\text{UPP}, \text{KIR}).$	
		$M = 6.2 (\text{UPP}, \text{KIR}).$		"	14	UPP	iP 17 19 44.9
"	13	UPP	iSn 08 12 18.4			Southeast of Shikoku, Japan	
			iSg1 08 12 51.6			(h = 30 km).	
		KIR	iSg1 08 14 09.4	"	15	UPP	iP 03 07 26.8
		UME	iSg1 08 13 21.5			Near s. coast of western Honshu	
		UDD	iPn 08 10 35.0			(h = 380 km).	
			i 08 11 09.4	"	15	UPP	iP 13 47 11.6
			i 08 11 46.0				micr sec
			iSg1 08 11 51.9			P	Z' 0.1 1.0
		DEL	iSn 08 12 23.8	"	15	UPP	iP 19 31 01.7
			i 08 12 54.6				
			iSg1 08 13 00.0	"	15	UPP	iP 19 31 01.7
		MYV	ePg1 08 10 52	"	16	UPP	iP 01 20 02.7
			iSn 08 11 35.8			Afghanistan-Tajikistan bord reg.	
			iSg1 08 11 54.0			(h = 80 km).	
		Off coast of south western Norway,		"	16	UPP	iP 13 57 26.1
		61.5°N, 3.9°E.		"	18	UPP	iP 16 35 15.3
		Origin time = 08 09 20.					i 16 35 43.6
		$M_L(\text{UPP}) = 3.9 (0.11) 5.$				Kuril Islands (h = 190 km).	
		Felt.		"	18	UPP	iPKP 22 44 14.7
		By combination with Finnish and Norwegian station readings.				South Sandwich Islands region	
"	13	UPP	iP 08 51 46.4			(h = N).	
			i 08 51 53.0				
			iS 08 58 36				
		(cont.)					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Nov.	20	UPP	iPKP1	18 27 15.0	Nov.	23	UPP	iP	04 52 48.6
				Kermadec Islands region (h = N).					Hokkaido, Japan region (h = 60 km).
"	21	UPP	iP	12 57 49.1	"	23	UPP	iP	14 24 26.4
				Samar, Philippine Islands (h = 20 km).					Off east coast of Honshu, Japan (h = 25 km).
"	22	UPP	iP	04 21 49.4	"	23	UPP	iP	18 13 50.2
			i	04 21 55.0				iS	18 19 10
				micr sec					micr sec
			i	Z' 2.0 1.5				P	Z' 0.1 0.7
			Mx	Z 229 15					Egypt (h = 10 km).
		KIR	iP	04 22 46.0	"	24	UPP	iPKP1	06 39 02.7
				micr sec					micr sec
			P	Z' 3.2 1.7				Mx	Z 9.9 28
			Mx	Z 117 11					South Island, New Zealand (h = 10 km).
				Egypt (h = 10 km).					
				m = 6.8, M = 6.9 (UPP,KIR).					
"	22	UPP	iP	12 53 45.3	"	24	UPP	iP	09 29 24.3
			i	12 53 49.8	"	24	UPP	iP	10 51 47.4
				micr sec	"	24	UPP	eP	16 50 19
			i	Z' 0.1 1.1					Egypt (h = 10 km).
				Western Arabian Peninsula (h = 10 km).					
"	22	UPP	iP	13 40 09.1 C	"	24	UPP	iP	17 35 12.5
				micr sec				iS	17 44 16
			P	Z' 0.1 1.0				i	17 45 12
			Mx	Z 1.9 14					micr sec
		KIR	iP	13 40 09.6 C				Mx	Z 44 19
				micr sec				KIR	Mx
			P	Z' 0.3 0.9					18 06
			Mx	Z 3.8 19					micr sec
				Off w. coast of northern Sumatra (h = 20 km).				Mx	Z 37 17
				m = 6.1, M = 5.6 (UPP,KIR).					Kuril Islands (h = 30 km).
									M = 6.6 (UPP,KIR).
"	22	UPP	iPKP1	16 20 45.3	"	24	UPP	iP	22 00 29.4
			iPKP2	16 20 53.9					Andeanof Islands, Aleutian Is. (h = N).
				Kermadec Islands region (h = 55 km).	"	24	UPP	iPKP1	22 47 17.3
"	22	UPP	iP	21 06 35.6 C				iPKP2	22 47 28.1
				micr sec					Off e. coast of N. Island, N.Z. (h = 60 km).
			P	Z' 0.4 1.1	"	24	UPP	iP	22 51 24.4
		KIR	iP	21 05 40.3					Western Iran (h = 70 km).
				micr sec	"	25	UPP	iPKP1	03 40 33.8
			P	Z' 0.4 1.7					Kermadec Islands region (h = 60 km).
				Off east coast of Kamchatka (h = 60 km).					
				m = 6.3 (UPP,KIR).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Nov.	25	UPP	iP	11 48 10.7	Nov.	27	UPP	iP	13 14 33.8
				Egypt (h = 10 km).					
"	25	KIR	ePn	19 43 55	"	27	UPP	iP	14 39 12.1
			iSn	19 45 30.0				i	14 39 16.2
				Svalbard region, 77.1°N, 17.5°E.					micr sec
				Origin time = 19 41 29.				P	Z' 0.1 0.7
				By combination with Finnish and Norwegian station readings.					Western Iran (h = 60 km).
"	25	UPP	iP	20 17 27.8	"	27	UPP	iP	16 03 57.7
			i	20 17 36.7				i	16 03 59.1
				Mindanao, Philippine Islands				iS	16 12 52
				(h = 60 km).				i	16 14 12
									micr sec
"	25	UPP	iP	20 58 36.9				i	Z' 0.1 0.9
				Xizang (h = N).			KIR	iP	Z 17 18
									16 03 10.9
									micr sec
"	26	UPP	iPKP	03 23 04.5				P	Z' 0.1 0.9
				Vanuatu Islands (h = 20 km).				Mx	Z 10 16
									Kuril Islands (h = 20 km).
"	26	UPP	iPKP2	03 52 32.7					m = 5.9, M = 6.2 (UPP,KIR).
				Kermadec Islands, New Zealand	"	27	KIR	iPn	23 03 48.0
				(h = 10 km).					Norwegian Sea, 72.3°N, 4.7°E.
"	26	UPP	iP	14 03 57.3					Origin time = 23 02 13.
									By combination with Finnish and Norwegian station readings.
"	27	UPP	iP	01 31 07.3	"	27	UPP	iPKP	23 42 35.4
				Near east coast of Kamchatka					South of Fiji Islands (h = 150 km).
				(h = 150 km).					
"	27	UPP	iSg1	05 04 36.3	"	28	UPP	iP	02 35 59.1
		KIR	iPg1	05 02 03.9	"	28	UPP	iP	11 01 15.5
			iSg1	05 02 37.5					Russia-Mongolia border region
		UME	iPg1	05 02 00.2					(h = N).
			i	05 02 24.0	"	28	UPP	iP	13 21 45.9
			iSg1	05 02 26.8	"	29	UPP	iP	01 34 11.7
		UDD	iSg1	05 04 55.2					Mindoro, Philippine Islands
				Gulf of Bothnia, Sweden, 65.5°N,					(h = 120 km).
				22.5°E.	"	29	UPP	iP	10 10 56.2
				Origin time = 05 01 24.	"	29	UPP	iP	10 17 39.3
				M _L (UPP) = 2.7 (0.29) 3.					Afghanistan-Tajikistan bord reg.
				By combination with Finnish station readings.					(h = 130 km).
"	27	UME	iSg1	11 39 58.0	"	29	UPP	iP	13 51 50.2
				Västerbotten, Sweden, 65.1°N, 20.5°E.					
				Origin time = 11 39 16.					
				M _L (UPP) = 1.7 1.					
				By combination with Finnish and Norwegian station readings.					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995

Nov. 29 UPP iP 22 17 20.9

" 30 UPP iP 00 01 31.6

i 00 01 35.5

micr sec

i Z' 0.1 1.3

Spain (h = 20 km).

" 30 UPP iP 11 54 37.8

i 11 55 04.6

Dodecanese Islands (h = 130 km).

" 30 UPP iP 15 20 04.1

- iS 15 28 48

micr sec

P Z' 0.1 0.7

Hokkaido, Japan region (h = 140 km).

" 30 UPP iP 21 29 30.4

Kuril Islands (h = 80 km).

" 30 UPP iP 23 48 37.8

i 23 48 45.1

iS 23 57 38

i 23 58 52

micr sec

P Z' 0.2 1.0

Mx Z 16 17

KIR iP 23 47 49.8

micr sec

P Z' 0.3 1.4

Mx Z 17 17

Kuril Islands (h = 25 km).

m = 6.2, M = 6.3 (UPP,KIR).

August 19, 1997

Conny Holmqvist
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SEISMOLOGICAL BULLETIN
 UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

DECEMBER 1 - 31, 1995

1995					1995				
Dec.	1	UPP	iP	03 28 44.2	Dec.	2	(cont.)		
				Taiwan (h = 55 km).				Mx	Z 64 17
									Kuril Islands (h = 20 km).
"	1	UPP	iP	05 52 32.6					m = 6.0, M = 6.8 (UPP,KIR).
				Bonin Islands region	"	2	UPP	iP	17 30 42.1
				(h = 490 km).					Kuril Islands (h = N).
"	1	UPP	Mx	06 18	"	2	UPP	iP	17 32 21.1
				micr sec					Kuril Islands (h = N).
				Mx Z 21 20	"	2	UPP	iP	17 39 18.8
									Kuril Islands (h = N).
		KIR	Mx	06 17	"	2	UPP	iP	17 46 44.6
				micr sec					i 17 46 45.9
				Mx Z 15 17					Kuril Islands (h = N).
				Off coast of Mexico (h = 10 km).	"	2	UPP	iP	18 04 07.6
				M = 6.5 (UPP,KIR).					i 18 04 08.6
"	1	UPP	iP	10 41 13.4	"	2	UPP	iP	18 13 58.5
				Kuril Islands (h = N).					Kuril Islands (h = N).
"	1	UPP	iP	21 31 25.4	"	2	UPP	iP	18 17 56.1
				East of Kuril Islands (h = N).					Kuril Islands (h = N).
"	2	UPP	iP	17 24 20.3	"	2	UPP	iP	18 35 09.8
				i 17 24 24.1					Kuril Islands (h = N).
				iS 17 33 20	"	2	UPP	iP	18 36 29.2
				micr sec					Kuril Islands (h = N).
				i Z' 0.1 0.7	"	2	UPP	iP	18 35 09.8
				Mx Z 52 16					Kuril Islands (h = N).
		KIR	iP	17 23 35.2	"	2	UPP	iP	18 36 29.2
				micr sec					Kuril Islands (h = N).
				P Z' 0.1 1.1					
				(cont.)					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Dec.	2	UPP iP	19 09 04.6	Dec.	2	UPP iP	23 13 09.7
			Kuril Islands (h = N).				micr sec
						P Z'	0.1 1.0
"	2	UPP iP	19 13 40.3				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	2	UPP iP	23 14 33.7
							Kuril Islands (h = N).
"	2	UPP iP	19 22 17.2				
			Kuril Islands (h = N).	"	3	UPP eP	00 27 21
"	2	UPP iP	19 28 31.1				
			micr sec	"	3	UPP iP	00 32 44.4
		P Z'	0.1 0.9				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	3	UPP iP	01 19 17.0
"	2	UPP iP	19 45 41.6				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	3	UPP iP	03 14 19.9
"	2	UPP iP	19 51 10.8				micr sec
			micr sec			P Z'	0.1 0.9
		P Z'	0.1 0.8			KIR iP	03 13 33.8
			Kuril Islands (h = N).				micr sec
"	2	UPP iP	19 52 33.3			P Z'	0.1 1.0
		i	19 52 34.3				Hokkaido, Japan region (h = N).
			micr sec				m = 5.9 (UPP,KIR).
		i Z'	0.2 0.8	"	3	UPP iP	03 19 54.9
			Kuril Islands (h = N).				Hokkaido, Japan region (h = N).
"	2	UPP iP	19 53 09.8	"	3	UPP iP	03 56 12.7
			micr sec				Kuril Islands (h = N).
		P Z'	0.1 0.9	"	3	UPP iP	07 13 33.1
"	2	UPP iP	20 11 28.0				
			Kuril Islands (h = N).	"	3	UPP iP	09 45 10.5
"	2	UPP iP	20 26 51.0				micr sec
			Kuril Islands (h = N).			P Z'	0.1 0.8
"	2	UPP iP	20 38 18.1				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	3	UPP iP	10 34 43.1
"	2	UPP iP	20 44 20.5				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	3	UPP iP	10 52 31.5
"	2	UPP iP	22 05 40.2				Kuril Islands (h = N).
			Kuril Islands (h = N).	"	3	UPP iP	12 52 01.9
"	2	UPP iP	22 49 49.1			i	12 52 02.9
			micr sec			i Z'	0.1 1.0
		i	22 50 12.7				Kuril Islands (h = N).
			Kuril Islands (h = N).				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Dec.	3	UPP	iP	12 53 06.5	Dec.	3	UPP	iP	18 30 55.3
				micr sec					micr sec
			P	Z' 0.1 0.9				P	Z' 0.1 0.8
				Kuril Islands (h = N).					East of Kuril Islands (h = N).
"	3	UPP	iP	12 53 18.6	"	3	UPP	iP	18 33 42.9
"	3	UPP	iP	13 41 00.2				i	18 33 49.1
				Kuril Islands (h = N).					micr sec
								i	Z' 0.1 0.8
"	3	UPP	iP	14 36 15.1			KIR	iP	18 32 55.0
				Kuril Islands (h = N).					micr sec
								P	Z' 0.1 1.0
"	3	UPP	iP	16 14 24.8					East of Kuril Islands (h = N).
				Kuril Islands (h = N).					m = 5.9 (UPP,KIR).
"	3	UPP	iP	18 12 08.2	"	3	UPP	iP	18 35 58.4
			i	18 12 09.1					micr sec
			i	18 12 12.1				P	Z' 0.1 0.9
				micr sec	"	3	UPP	iP	18 36 10.6
			i	Z' 0.2 1.0	"	3	UPP	iP	18 37 46.1
			i	Z' 1.2 1.0					East of Kuril Islands (h = N).
			Mx	Z 479 19	"	3	UPP	iP	18 40 18.9
		KIR	iP	18 11 20.0	"	3	UPP	iP	18 48 00.0
			i	18 11 22.3	"	3	UPP	iP	18 52 22.3
			i	18 11 24.7	"	3	UPP	iP	18 53 04.5
				micr sec					East of Kuril Islands (h = N).
			i	Z' 0.3 1.1	"	3	UPP	iP	18 53 39.9
			i	Z' 0.6 1.3	"	3	UPP	iP	18 58 55.6
			Mx	Z 508 18					18 58 58.3
				Kuril Islands (h = N).					Kuril Islands (h = N).
				m = 6.8, M = 7.7 (UPP,KIR).	"	3	UPP	iP	18 59 07.5
				Multiple P, with successively				i	18 59 11.0
				increasing amplitudes.					micr sec
"	3	UPP	iP	18 24 02.7				P	Z' 0.1 0.9
				micr sec	"	3	UPP	iP	19 03 37.6
			P	Z' 0.1 0.9					Kuril Islands (h = N).
				East of Kuril Islands (h = N).	"	3	UPP	iP	19 07 42.2
"	3	UPP	iP	18 25 29.9					Kuril Islands (h = N).
				micr sec					
			P	Z' 0.2 0.9					
		KIR	iP	18 24 40.3					
				micr sec					
			P	Z' 0.4 0.8					
				East of Kuril Islands (h = N).					
				m = 6.4 (UPP,KIR).					

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1995				1995			
Dec.	3	UPP iP	19 09 07.1	Dec.	3	UPP iP	20 20 01.9
		East of Kuril Islands (h = N).				East of Kuril Islands (h = N).	
"	3	UPP iP	19 18 22.9	"	3	UPP iP	20 35 56.8
		i	19 18 23.8			Kuril Islands (h = N).	
		Kuril Islands (h = N).					
"	3	UPP iP	19 26 38.1	"	3	UPP iP	20 45 56.0
		i	19 26 42.8			Kuril Islands (h = N).	
			micr sec				
		i	Z' 0.2 0.9	"	3	UPP iP	20 48 53.4
		Kuril Islands (h = N).				East of Kuril Islands (h = N).	
"	3	UPP iP	19 41 21.9	"	3	UPP eP	20 54 23
						East of Kuril Islands (h = N).	
"	3	UPP iP	19 42 24.5	"	3	UPP iP	20 55 29.3
			micr sec				micr sec
		P	Z' 0.2 0.9			P	Z' 0.1 0.9
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	3	UPP iP	19 47 14.8	"	3	UPP iP	21 07 24.0
		East of Kuril Islands (h = N).				Kuril Islands (h = N).	
"	3	UPP iP	19 52 06.3	"	3	UPP iP	21 49 37.8
		East of Kuril Islands (h = N).				i	21 49 41.3
						i	21 49 49.7
"	3	UPP iP	19 52 46.0				micr sec
			micr sec			i	Z' 0.1 0.9
		P	Z' 0.2 1.3			KIR iP	21 48 49.9
		KIR iP	19 51 57.7				micr sec
			micr sec			P	Z' 0.1 0.9
		P	Z' 0.1 1.0			East of Kuril Islands (h = N).	
		East of Kuril Islands (h = N).				m = 5.9 (UPP,KIR).	
		m = 6.0 (UPP,KIR).		"	3	UPP iP	22 15 53.1
"	3	UPP iP	20 05 19.9			Kuril Islands (h = N).	
		i	20 05 20.8	"	3	UPP iP	23 32 50.6
			micr sec				micr sec
		P	Z' 0.1 0.8			P	Z' 0.1 1.0
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	3	UPP iP	20 10 50.1	"	4	UPP iP	00 30 05.9
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	3	UPP iP	20 14 45.7	"	4	UPP iP	00 30 50.8
		Kuril Islands (h = N).					
"	3	UPP iP	20 18 18.7	"	4	UPP iP	00 54 52.1
		i	20 18 19.4			East of Kuril Islands (h = N).	
		Kuril Islands (h = N).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Dec.	4	UPP iPKP2	01 21 00.4	Dec.	5	UPP iP	06 09 50.3
		South of Kermadec Islands (h = N).				Kuril Islands (h = N).	
"	4	UPP iP	01 31 54.6	"	5	UPP iP	10 04 34.0
		Kuril Islands (h = N).					
"	4	UPP iP	03 16 16.4	"	5	UPP iP	12 00 53.5
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	4	UPP iP	04 08 01.6	"	5	UPP iP	13 41 20.4
		Kuril Islands (h = N).					
"	4	UPP iP	04 10 32.3	"	5	UPP iP	13 54 59.4
			micr sec			i	13 55 10.6
		P	Z' 0.1 1.0			South of Honshu, Japan (h = N).	
		Kuril Islands (h = N).		"	5	UPP iP	14 24 15.6
"	4	UPP iP	05 32 50.3	"	5	UPP iP	15 08 10.5
		Kuril Islands (h = N).				Halmahera, Indonesia (h = 100 km).	
"	4	UPP iP	08 52 29.4	"	5	UPP iP	18 54 51.9
		Kuril Islands (h = N).				i	18 55 01.7
"	4	UPP iP	12 46 36.6			iS	18 59 20
							micr sec
"	4	UPP iP	15 58 30.1			i	Z' 0.2 1.0
		South of Kermadec Islands				Mx	Z 9.4 16
		(h = 100 km).				KIR iP	18 55 42.1
"	4	UPP iP	23 25 11.1				micr sec
		i	23 35 28.5			P	Z' 0.2 1.0
			micr sec			Turkey (h = 15 km).	
		P	Z' 0.1 1.0			m = 5.8 (UPP,KIR).	
		Mx	Z 2.4 15	"	5	UPP iP	18 58 01.5
		East of Kuril Islands (h = N).					micr sec
		M = 5.5 (UPP,KIR).				P	Z' 0.1 1.0
"	5	UPP iP	00 36 02.5			KIR iP	18 58 50.1
		Kuril Islands (h = N).					micr sec
"	5	UPP iP	01 38 26.1			P	Z' 0.2 1.0
						Turkey (h = 10 km).	
"	5	UPP iP	02 32 08.3			m = 5.7 (UPP,KIR).	
		Kuril Islands (h = N).		"	5	UPP iP	19 40 10.7
"	5	UPP iP	03 26 21.4			i	19 40 14.4
		Rat Islands, Aleutian Islands (h = N).				Off coast of northern California	
"	5	UPP iP	06 08 36.3			(h = 25 km).	
				"	5	UPP iP	23 57 51.2
						Ryukyu Islands (h = N).	
"	5	UPP iP	06 08 36.3	"	6	UPP iP	02 10 23.7
						Kuril Islands (h = N).	

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1995				1995			
Dec.	6	UPP iP	03 06 00.0	Dec.	7	(cont.)	
		East of Lake Baykal, Russia (h = N).				Crete (h = N).	
						M = 5.0 (UPP,KIR).	
"	6	UPP iP	23 28 23.4	"	7	UPP iP	19 41 23.6
			micr sec			i	19 41 34.3
		P	Z' 0.1 0.7				micr sec
		Kuril Islands (h = N).				i	Z' 0.1 1.0
"	6	UPP iP	23 33 29.0			Mx	Z 7.7 18
		Kuril Islands (h = N).				KIR iP	19 40 37.7
"	7	UPP iP	02 55 16.1				micr sec
			micr sec			P	Z' 0.2 1.4
		- P	Z' 0.1 1.0			Mx	Z 5.5 19
		Kuril Islands (h = N).				Kuril Islands (h = 30 km).	
						m = 6.0, M = 5.8 (UPP,KIR).	
"	7	UPP iP	03 15 59.2	"	8	UPP iPKP	03 28 26.0
		Kuril Islands (h = N).					micr sec
"	7	UPP iP	03 33 04.5			PKP	Z' 0.2 0.8
		i	03 33 05.6			South of Fiji Islands (h = 80 km).	
			micr sec	"	8	UPP iP	07 44 31.4
		i	Z' 0.1 0.7			iS	07 47 05.4
		Mx	Z 3.2 17				micr sec
		Kuril Islands (h = N).				Mx	Z 11 15
"	7	UPP iP	04 38 08.9			KIR iP	07 43 01.0
		Near east coast of Kamchatka					micr sec
		(h = N).				Mx	Z 16 18
"	7	UPP iP	05 23 22.8			UME iP	07 43 47.1
			micr sec			iS	07 45 39.1
		P	Z' 0.1 0.6			UDD iP	07 44 21.4
		Mx	Z 6.2 16			iS	07 46 38.6
		Kuril Islands (h = N).				DEL iP	07 45 12.5
						Norwegian Sea (h = 10 km).	
"	7	UPP iP	16 23 58.3	"	8	KIR iP	08 54 21.7
		Kuril Islands (h = N).				UME iP	08 54 58.0
"	7	UPP iP	17 57 34.6			UDD iP	08 55 31.8
		Arabian Sea (h = 10 km).				Norwegian Sea (h = 10 km).	
"	7	UPP iP	18 06 18.2	"	8	UPP iP	13 15 02.9
		i	18 06 31.8			Hindu Kush region, Afghanistan	
			micr sec			(h = 120 km).	
		P	Z' 0.1 0.9	"	8	UPP iP	15 15 29.3
		Mx	Z 3.2 17			Kuril Islands (h = N).	
		KIR Mx	18 22	"	8	UPP iP	20 08 26.7
			micr sec				micr sec
		Mx	Z 3.3 13			Mx	Z 2.2 18
		(cont.)				(cont.)	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995			
Dec.		(cont.)		Dec.	10	(cont.)	
	8	KIR Mx	20 41			i	22 34 31.5
			micr sec			iS	22 43 22
		Mx Z	1.8 16				micr sec
		East of Kuril Islands (h = N).				i	Z' 0.2 0.9
		M = 5.3 (UPP,KIR).				Mx	Z 36 17
"	9	UPP iP	07 37 53.4			KIR iP	22 33 30.3
		Andaman Islands, India (h = N).				i	22 33 36.2
							micr sec
						i	Z' 0.1 1.0
"	9	UPP iP	10 15 40.2			Mx	Z 13 15
		Bay of Bengal (h = 10 km).				Kuril Islands (h = 15 km).	
						m = 6.1, M = 6.4 (UPP,KIR).	
"	9	UPP iP	11 34 42.7				
		East of Kuril Islands (h = N).		"	10	UPP iP	22 36 58.6
"	9	UPP iP	13 36 53.2			Kuril Islands (h = N).	
		Southeast Asia (h = 10 km).		"	10	UPP iP	22 52 27.4
"	9	UPP iP	14 16 20.9				micr sec
		Kuril Islands (h = N).				P	Z' 0.1 1.0
						Kuril Islands (h = N).	
"	9	UPP eP	19 23 53	"	10	UPP iP	22 59 10.4
		Kuril Islands (h = N).				i	22 59 13.9
"	9	UPP iP	23 04 17.8				micr sec
			micr sec			i	Z' 0.2 1.0
		P	Z' 0.1 0.8			KIR iP	22 58 25.7
		Kuril Islands (h = N).					micr sec
"	10	UPP iP	03 33 13.7			P	Z' 0.1 1.0
		i	03 33 23.6			Kuril Islands (h = N).	
		iS	03 37 42			m = 6.1 (UPP,KIR).	
			micr sec	"	11	UPP iP	00 05 33.4
		P	Z' 0.3 1.3			iSKP1	00 08 37.2
		Mx	Z 2.2 14			Fiji Islands region (h = 410 km).	
		KIR iP	03 34 21.7 C			Early PKP arrival when compared with the NEIC solution.	
			micr sec	"	11	UPP iP	01 15 17.0
		P	Z' 0.2 1.1			Kuril Islands (h = N).	
		Mx	Z 2.5 14	"	11	UPP iP	01 38 43.0
		Crete (h = 40 km).				Egypt (h = 10 km).	
		m = 5.8, M = 4.9 (UPP,KIR).		"	11	UPP iP	03 30 24.9
"	10	UPP iP	15 05 30.1			Kuril Islands (h = N).	
			micr sec	"	11	UPP iP	07 39 27.5
		Mx	Z 2.0 15			Kuril Islands (h = N).	
		Ryukyu Islands (h = N).		"	11	UPP iP	07 39 27.5
"	10	UPP iP	22 34 16.6			Kuril Islands (h = N).	
		i	22 34 21.9				
		(cont.)					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1995				1995					
Dec.	11	UPP	iP	13 24 51.5	Dec.	12	UPP	iP	17 39 29.0
				Ryukyu Islands (h = N).					Northern Xinjiang, China (h = N).
"	11	UPP	iPg1	13 59 32.9	"	13	UPP	iP	14 07 21.9
			iSg1	13 59 37.0					
			iRg	13 59 38.4	"	14	UPP	iP	06 38 03.6
		UDD	iSg1	14 00 36.1					East of Kuril Islands (h = 45 km).
				Dannemora, Uppland, Sweden, 60.2°N, 17.8°E. Origin time = 13 59 27. $M_L(\text{UPP}) = 2.4$ 1. Felt. Rockburst at Dannemora iron ore mine.	"	14	UPP	iPKP1	06 52 05.6
									South of Kermadec Islands (h = N).
"	11	UPP	iP	14 02 48.8	"	14	UPP	iP	09 38 37.5
					"	14	UPP	iP	13 27 47.1
"	11	UPP	iP	14 22 21.1					micr sec
			iPP	14 25 47.1					P Z' 0.1 1.0
			iSKS	14 32 50					Sea of Okhotsk (h = 530 km).
				micr sec	"	14	UPP	iP	13 31 53.9
				P Z' 0.1 1.3	"	15	UPP	iP	02 44 13.2
				Mx Z 15 16					Kuril Islands (h = N).
		KIR	Mx	14 59	"	15	UPP	iP	08 55 22.0
				micr sec					Kuril Islands (h = N).
				Mx Z 17 18	"	15	UPP	iP	11 55 10.2
				Off coast of Jalisco, Mexico (h = 20 km). M = 6.4 (UPP,KIR)					micr sec
"	11	UPP	iP	18 05 28.9					Mx Z 4.3 17
				micr sec					Ryukyu Islands (h = N).
				P Z' 0.1 1.0					Late arrival, when compared with the NEIC solution.
				Zaire (h = 10 km).	"	15	UPP	iP	15 13 59.6
"	11	UPP	iP	19 57 08.3					Kuril Islands (h = N).
				micr sec	"	15	KIR	iPn	19 34 38.8
				Mx Z 4.6 14					iPg1 19 34 51.3
		KIR	Mx	20 34					iSg1 19 35 41.5
				micr sec					Norwegian Sea, 67.9°N, 10.0°E. Origin time = 19 33 38. $M_L(\text{UPP}) = 3.3$ 1. By combination with Finnish station readings.
				Mx Z 4.8 17	"	15	UPP	iP	20 58 15.6
				Off coast of Jalisco, Mexico (h = 20 km). M = 6.0 (UPP,KIR).					Kuril Islands (h = 140 km).
"	11	UPP	iP	20 00 36.0	"	15	UPP	iP	20 58 44.3
"	12	UPP	iPKP1	10 31 55.3	"	15	UPP	iP	20 58 44.3
				Kermadec Islands region (h = 200 km).					

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1995				1995					
Dec.	25	(cont.) Hindu Kush region, Afghanistan (h = 230 km). m = 5.9 (UPP,KIR).		Dec.	28	UPP	iP	00 39 48.4	Northern Xinjiang, China (h = 25 km).
"	25	UPP	iPKP1	03 44 25.5	"	28	UPP	iP	16 44 24.4
		Kermadec Islands region (h = N).						Eastern Caucasus (h = 10 km).	
"	25	UPP	iPdiff	04 57 23.5	"	28	UPP	iP	21 05 20.6
			i(PP)	05 01 30.6				East of Kuril Islands (h = 50 km).	
			iS	05 09 01	"	29	UPP	iP	13 13 49.9
				micr sec				micr sec	
			Pdiff	Z' 0.1 1.0				Mx	Z 3.5 20
			Mx	Z 16 18			KIR	Mx	13 46
		KIR	iP	04 57 08.2				micr sec	
				micr sec				Mx	Z 1.6 21
			P	Z' 0.2 1.0				Venezuela (h = N).	
			Mx	Z 23 18				M = 5.5 (UPP,KIR).	
		Banda Sea (h = 140 km). m = 6.9, M = 6.6 (UPP,KIR). M uncorrected for focal depth.			"	30	UPP	iP	02 16 47.4
								micr sec	
"	25	UPP	iP	08 48 36.4				P	Z' 0.2 1.2
		Sea of Okhotsk (h = 550 km).				KIR	iP	02 15 50.4	
								micr sec	
"	25	UPP	iP	17 05 35.1				P	Z' 0.6 1.0
		Xizang (h = N).						Central Alaska (h = 140 km). m = 6.1 (UPP,KIR).	
"	25	UPP	iP	18 30 28.5	"	30	UPP	Mx	04 26
		Caribbean Sea (h = 10 km).						micr sec	
"	26	UPP	iPKP1	12 39 54.1				Mx	Z 2.4 20
			iPKP2	12 40 00.5		KIR	Mx	04 25	
		Kermadec Islands, New Zealand (h = 50 km).						micr sec	
								Mx	Z 3.3 20
								Central east Pacific Rise (h = 10 km). M = 5.8 (UPP,KIR).	
"	27	UPP	iP	04 24 25.9	"	30	UPP	iP	12 22 16.8
		Xizang (h = N).						i	12 22 17.8
"	27	UPP	iP	11 13 22.2				iS	12 31 26
								micr sec	
"	27	UPP	eP	12 58 02				i	Z' 0.4 1.5
			i	12 58 08.7				Mx	Z 41 19
		Ryukyu Islands (h = 25 km).				KIR	iP	12 21 34.9	
								micr sec	
"	27	UPP	i(PKP)	15 40 03.5				P	Z' 0.3 1.4
		South Sandwich Islands region (h = N).						Mx	Z 39 15
								Off east coast of Honshu, Japan (h = 20 km). m = 6.2, M = 6.7 (UPP,KIR).	

